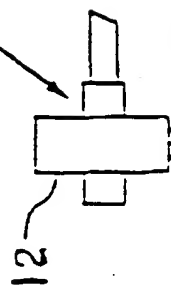
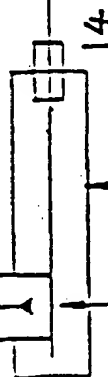


STIRRER (OPTIONAL)

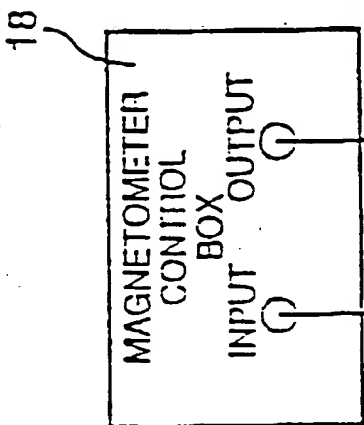


REACTION
VESSEL
10



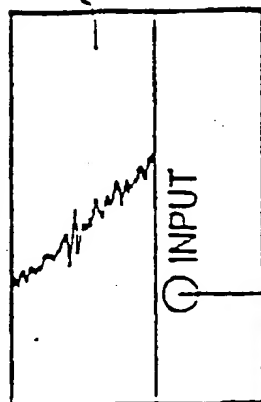
14
THERMOSTATTED
ALUMINUM BLOCK

MAGNETOSENSITIVE
REGION OF HALL
EFFECT PROBE 16



18

CHART
RECORDER



20

TO AUXILIARY DEVICES
(FFT ANALYZER,
MAGNETIC STORAGE)

INSTRUMENTATION, BLOCK DIAGRAM

FIG. 1a

11 116

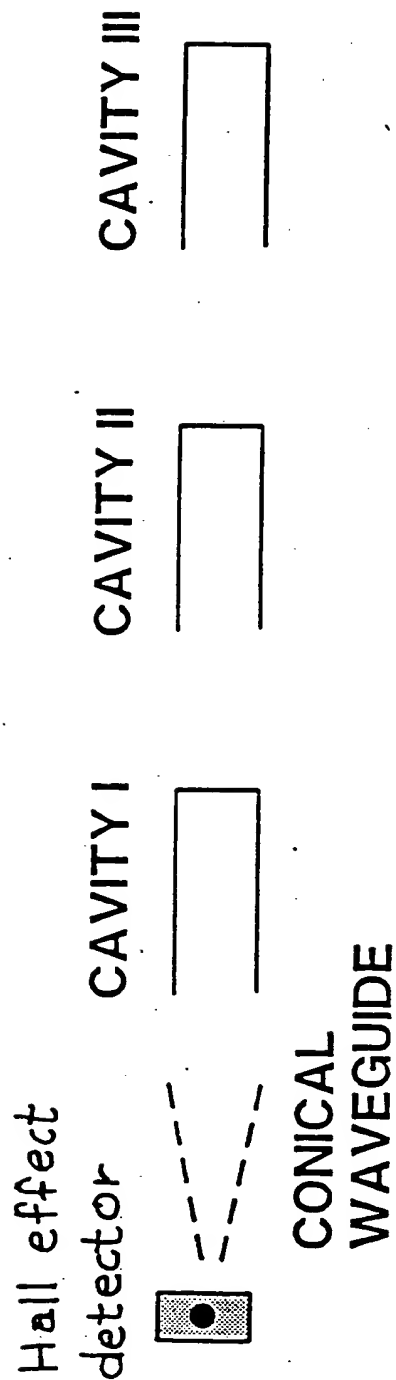


FIG. 1b

1c/35c

000270 98326460

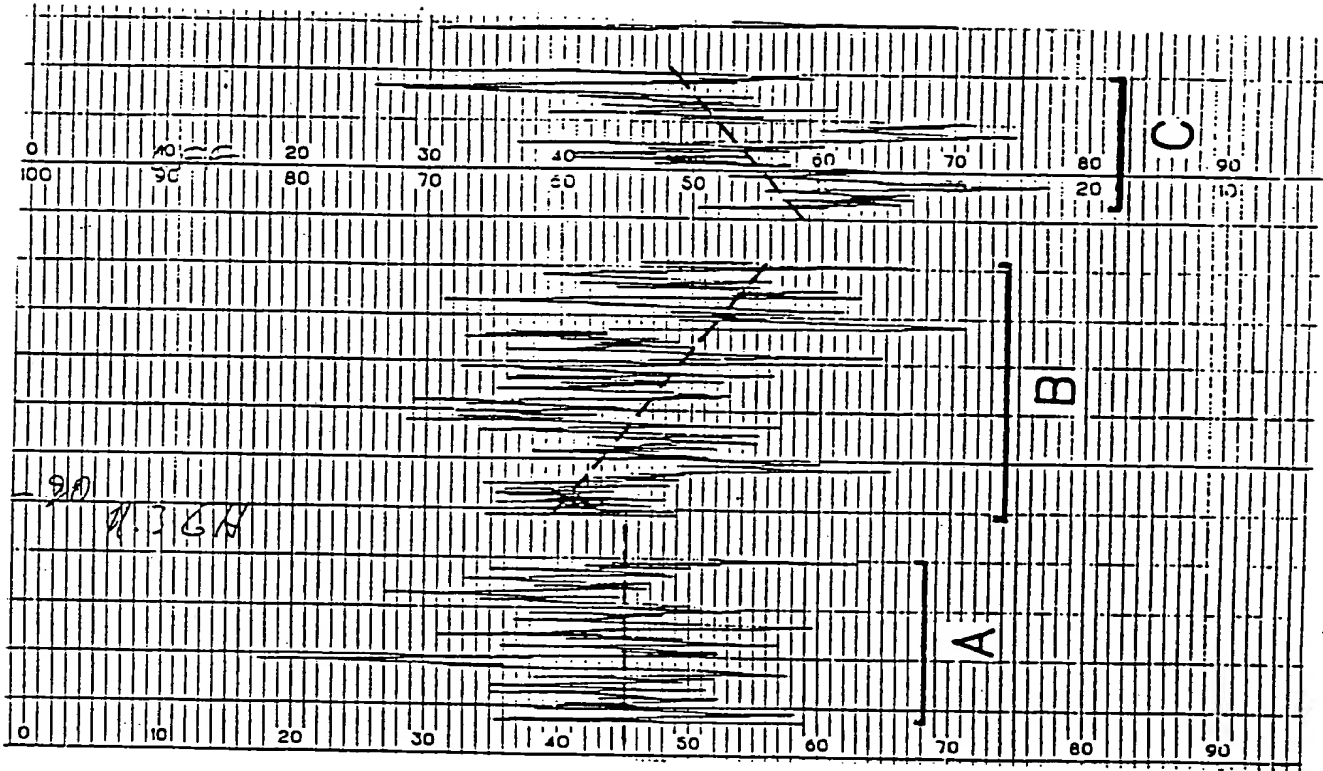


Fig. 1c

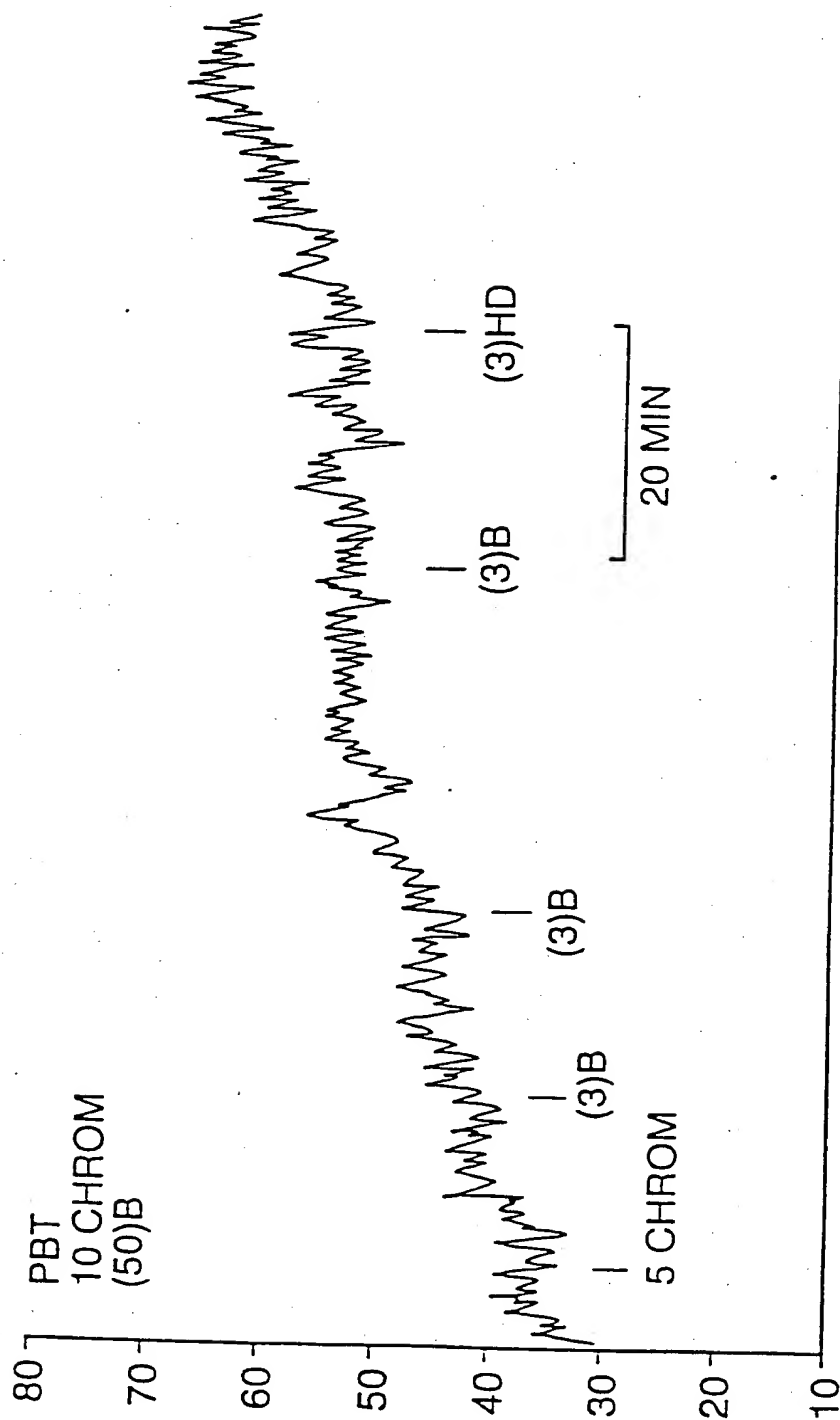


FIG.2.

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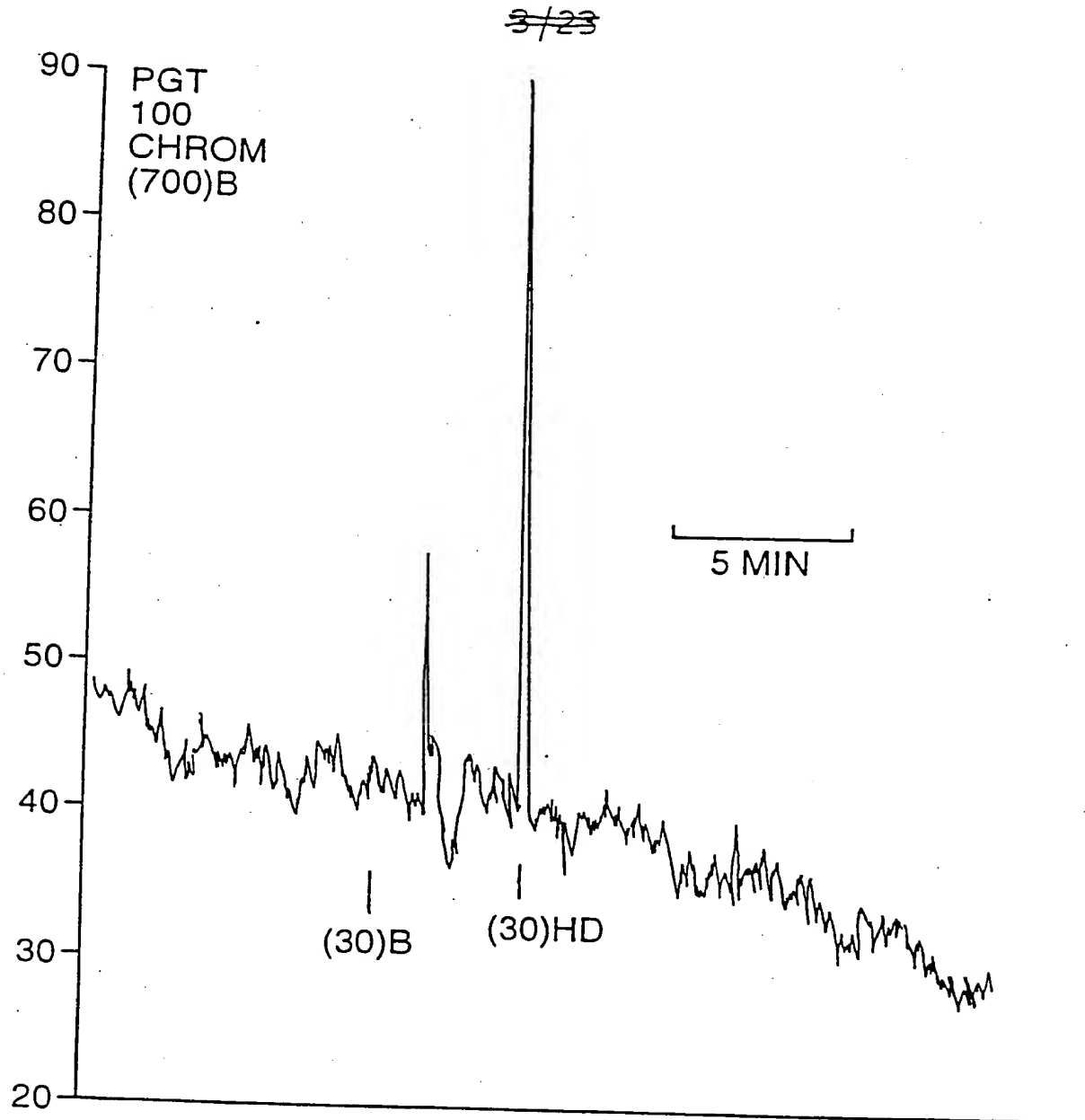


FIG.3.

000210-98966460

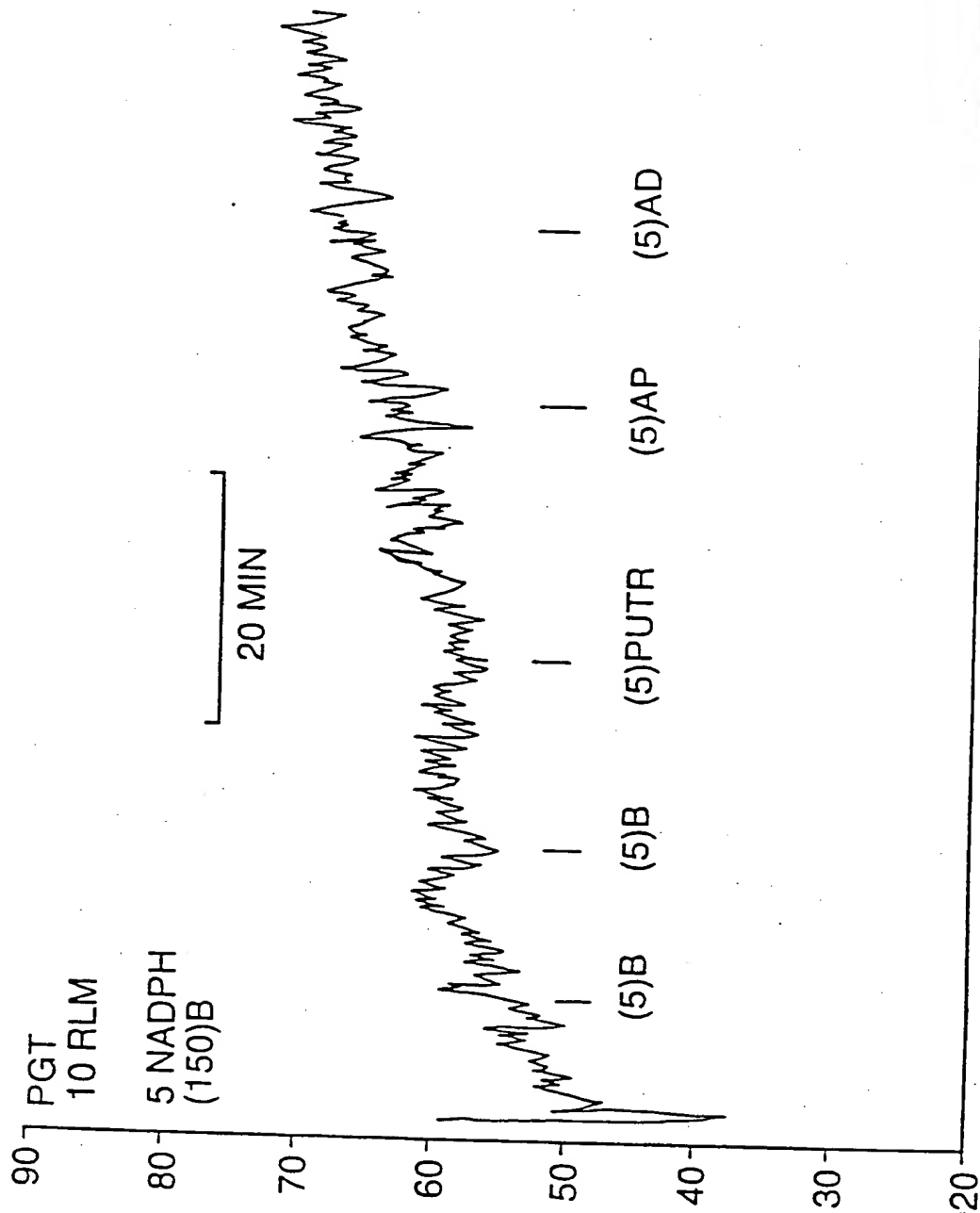


FIG.4.

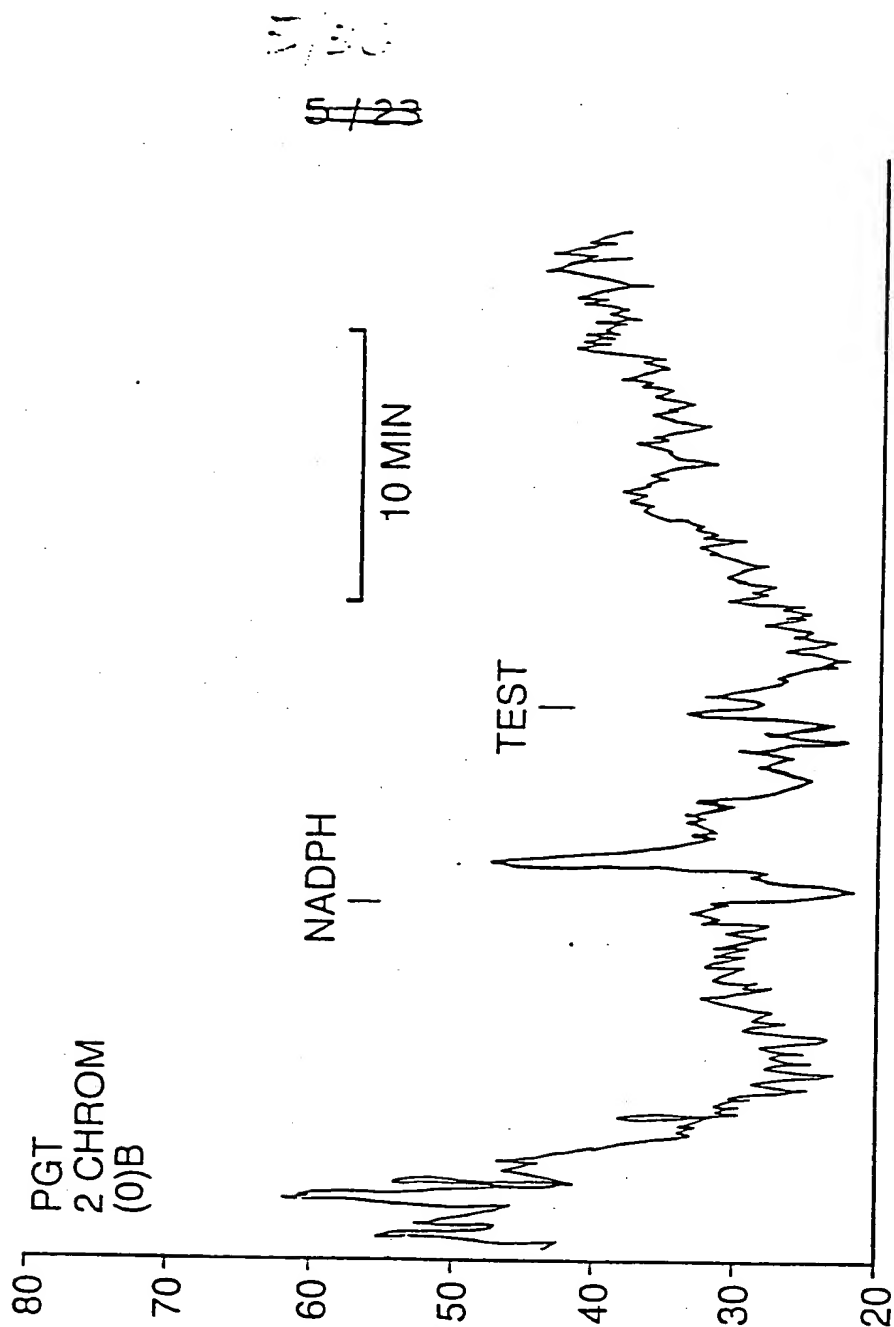


FIG.5.

000270-9996460

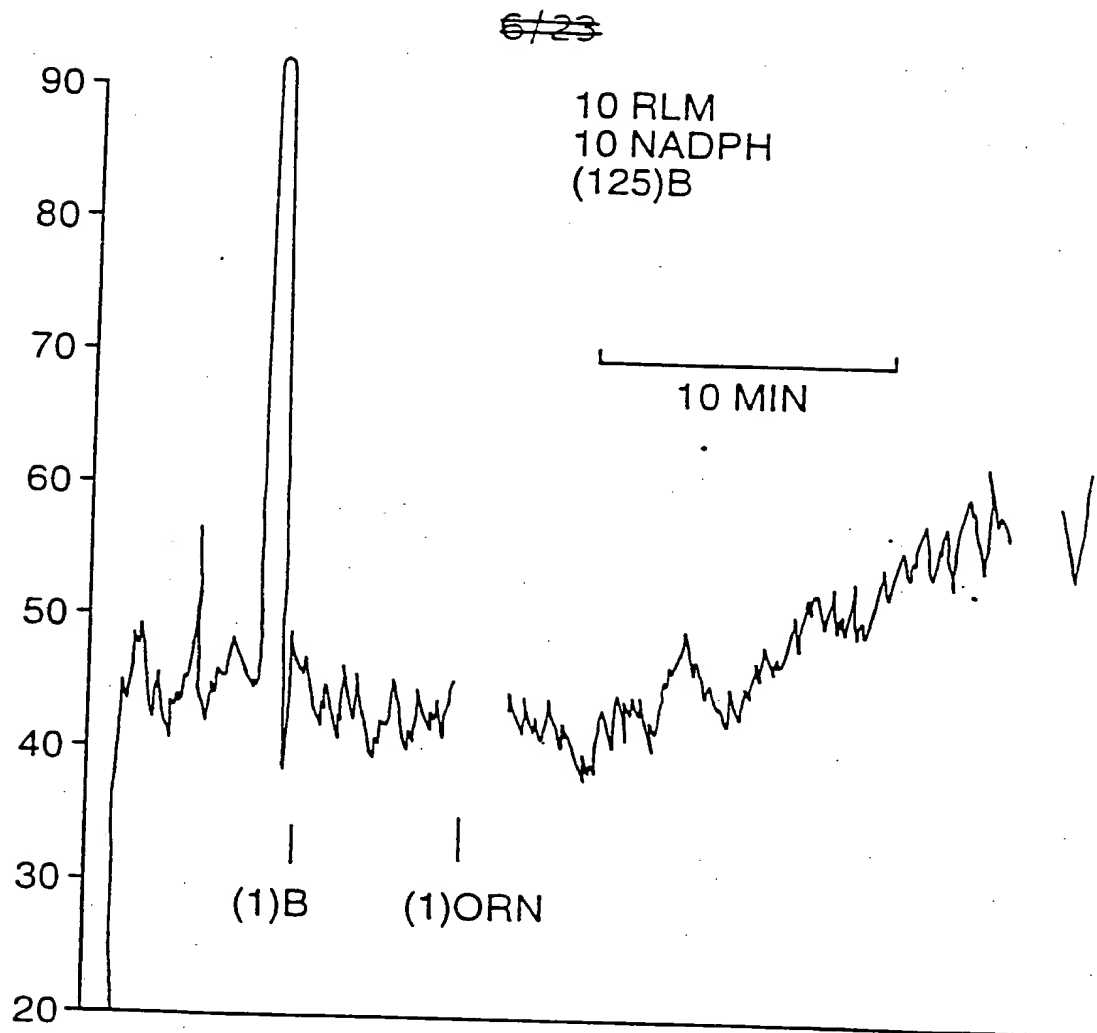


FIG.6.

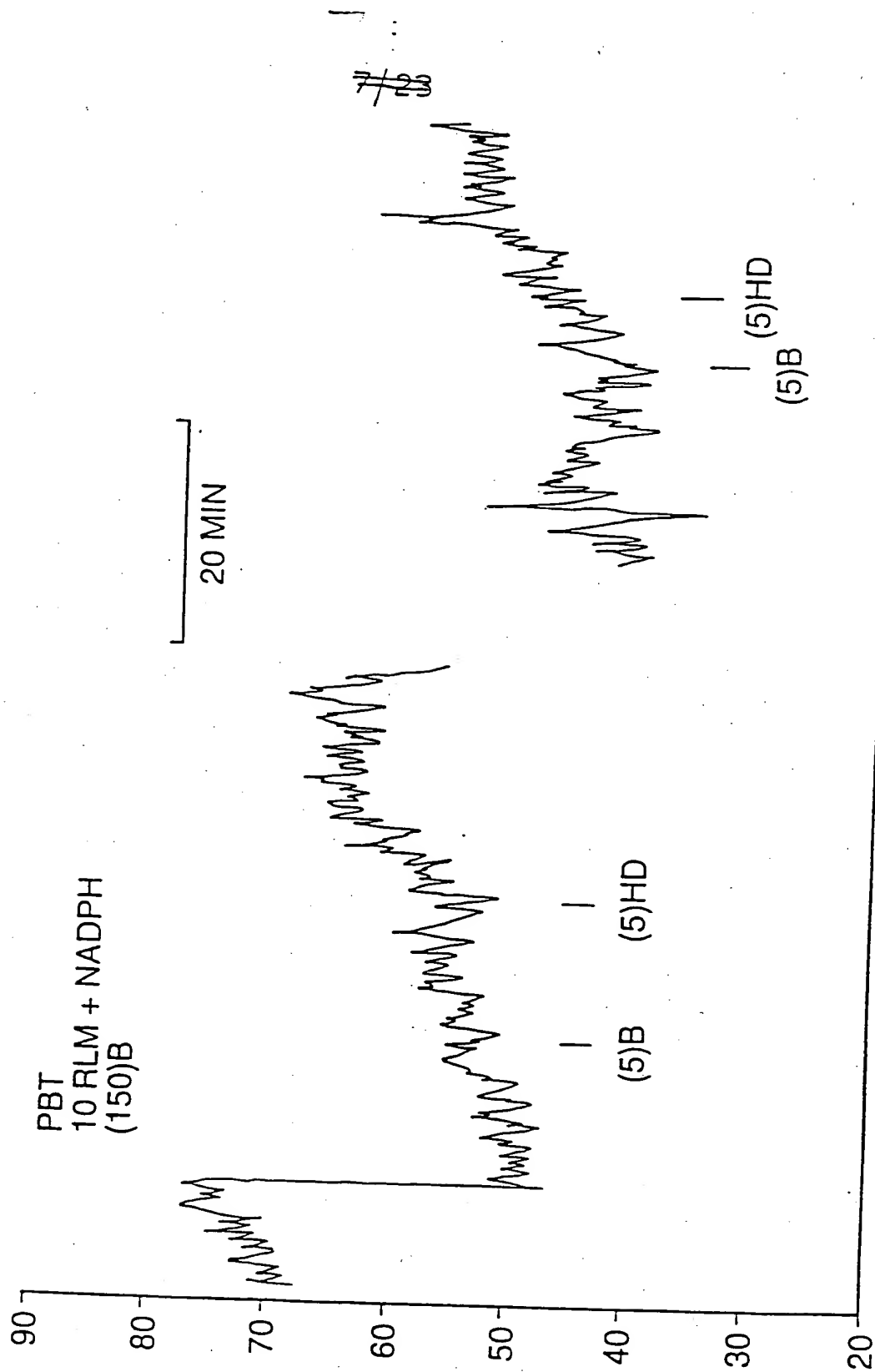


FIG.7.

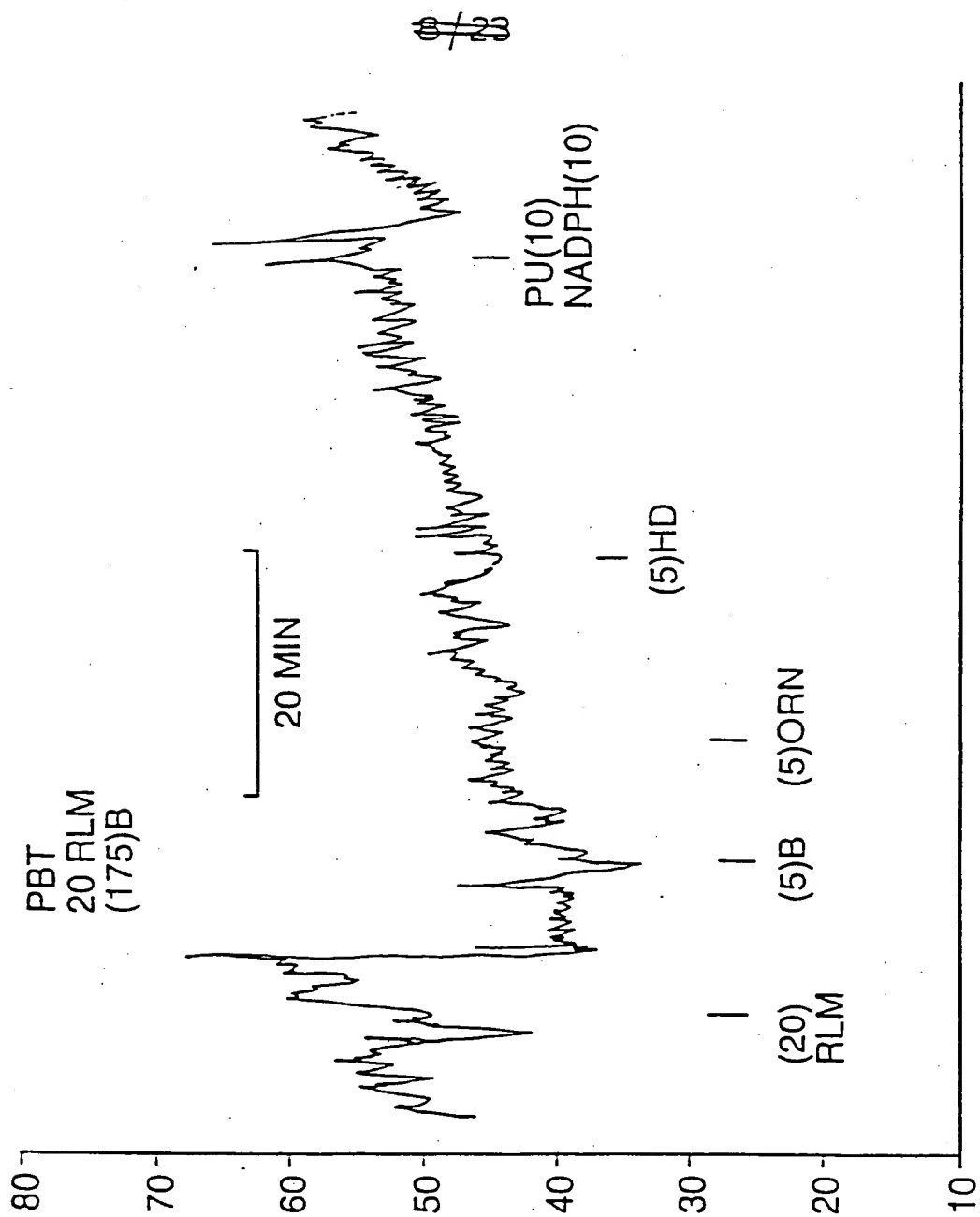
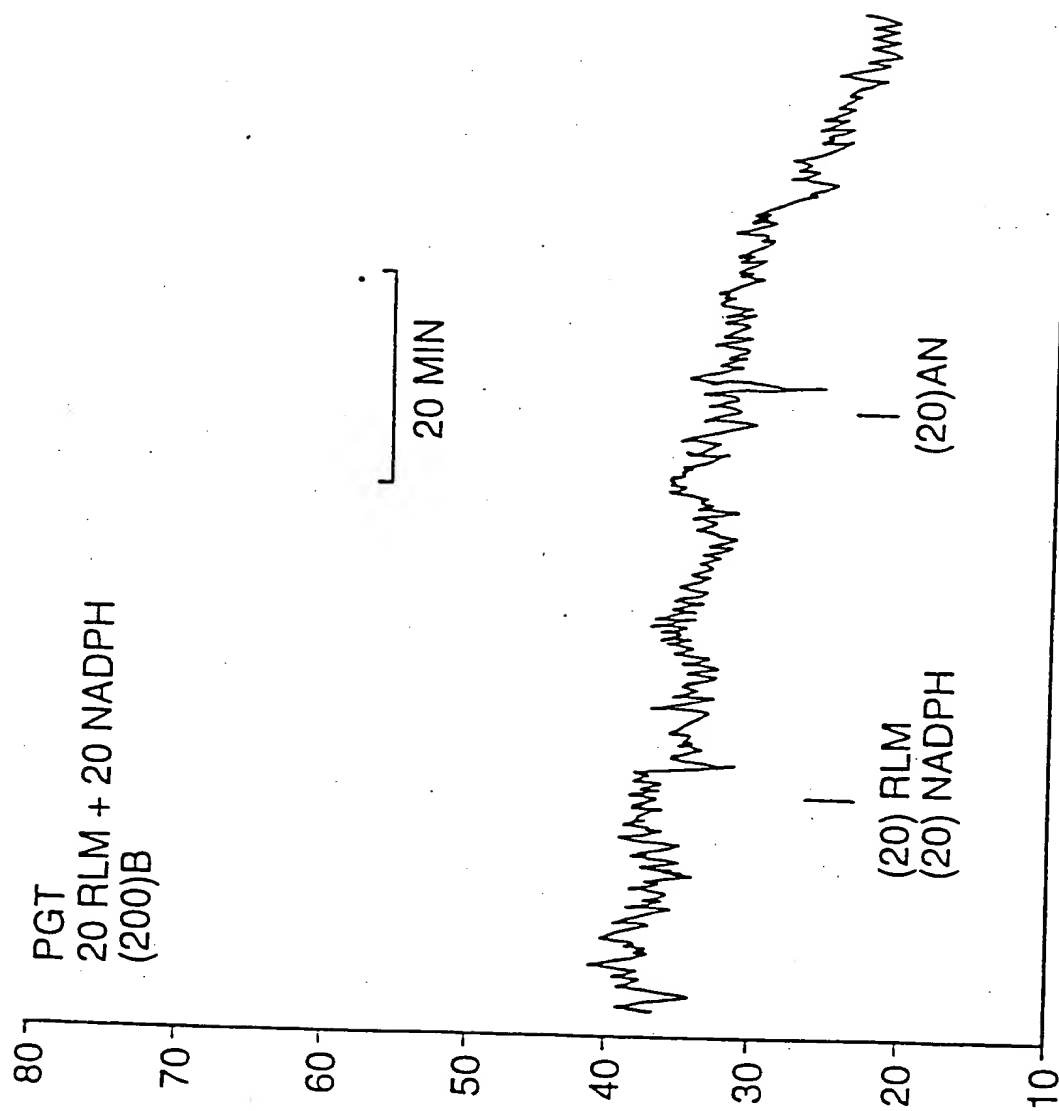


FIG.8.



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FIG.9.

008210-389E6460

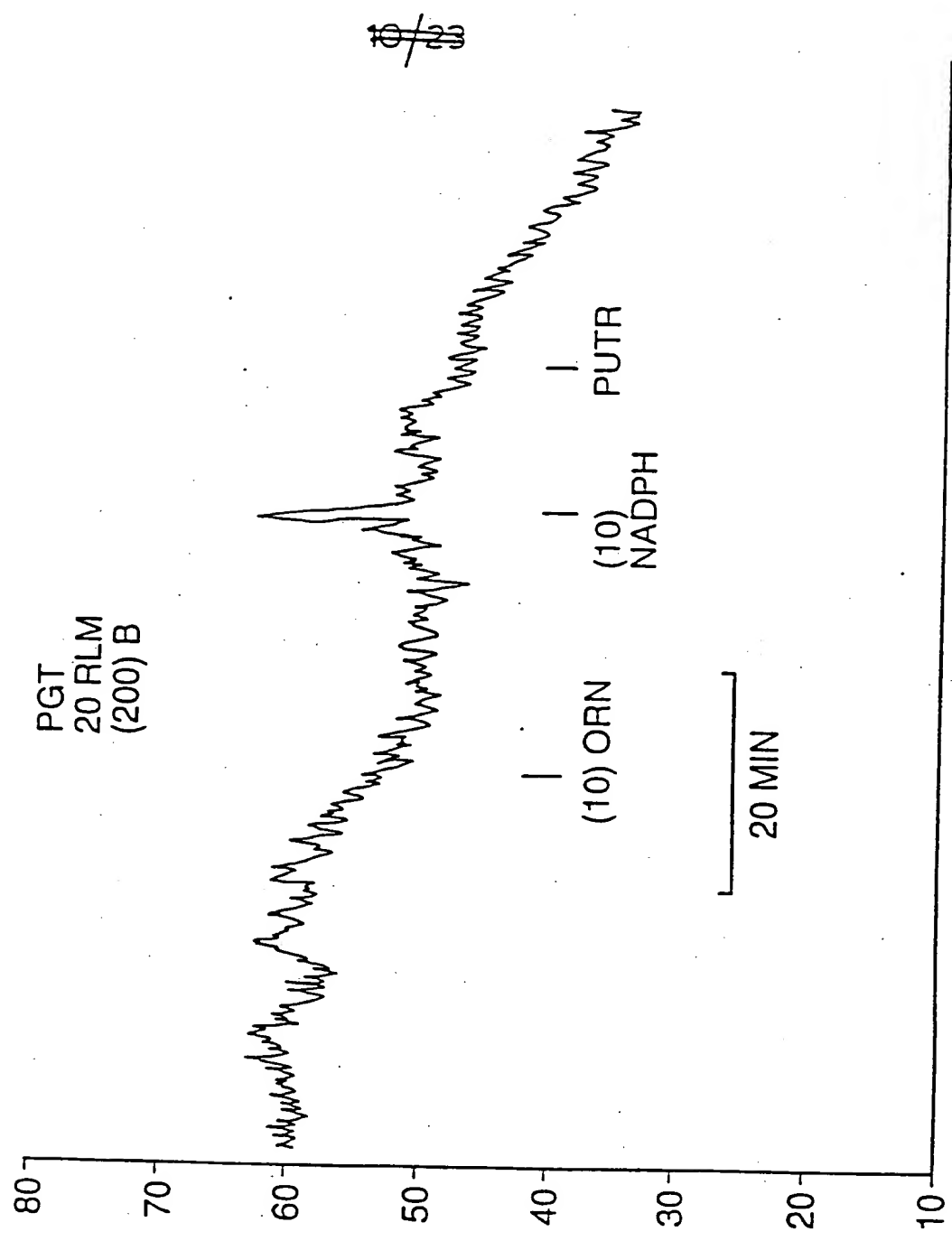


FIG.10.

003270" 98965460

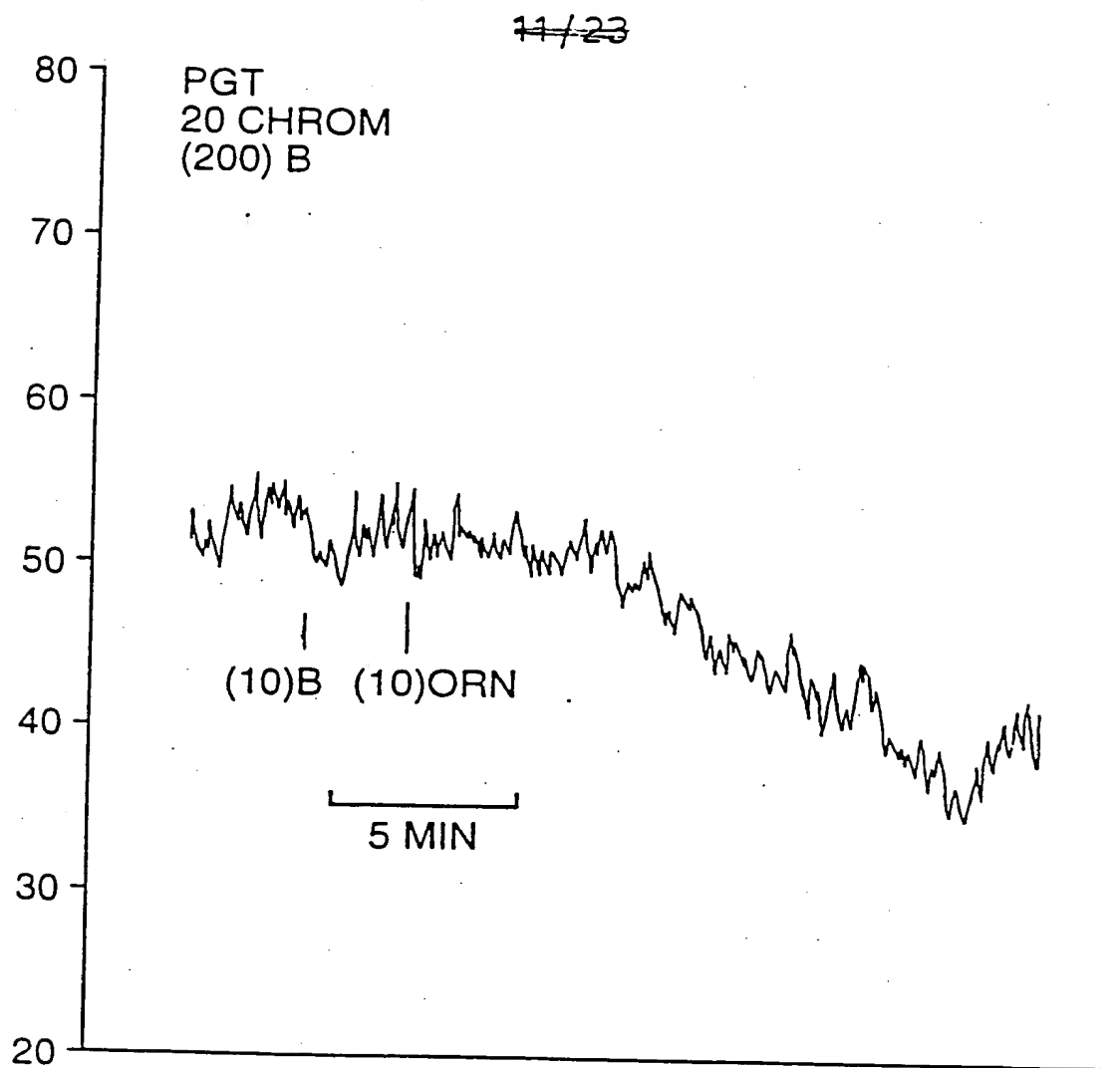


FIG.11.

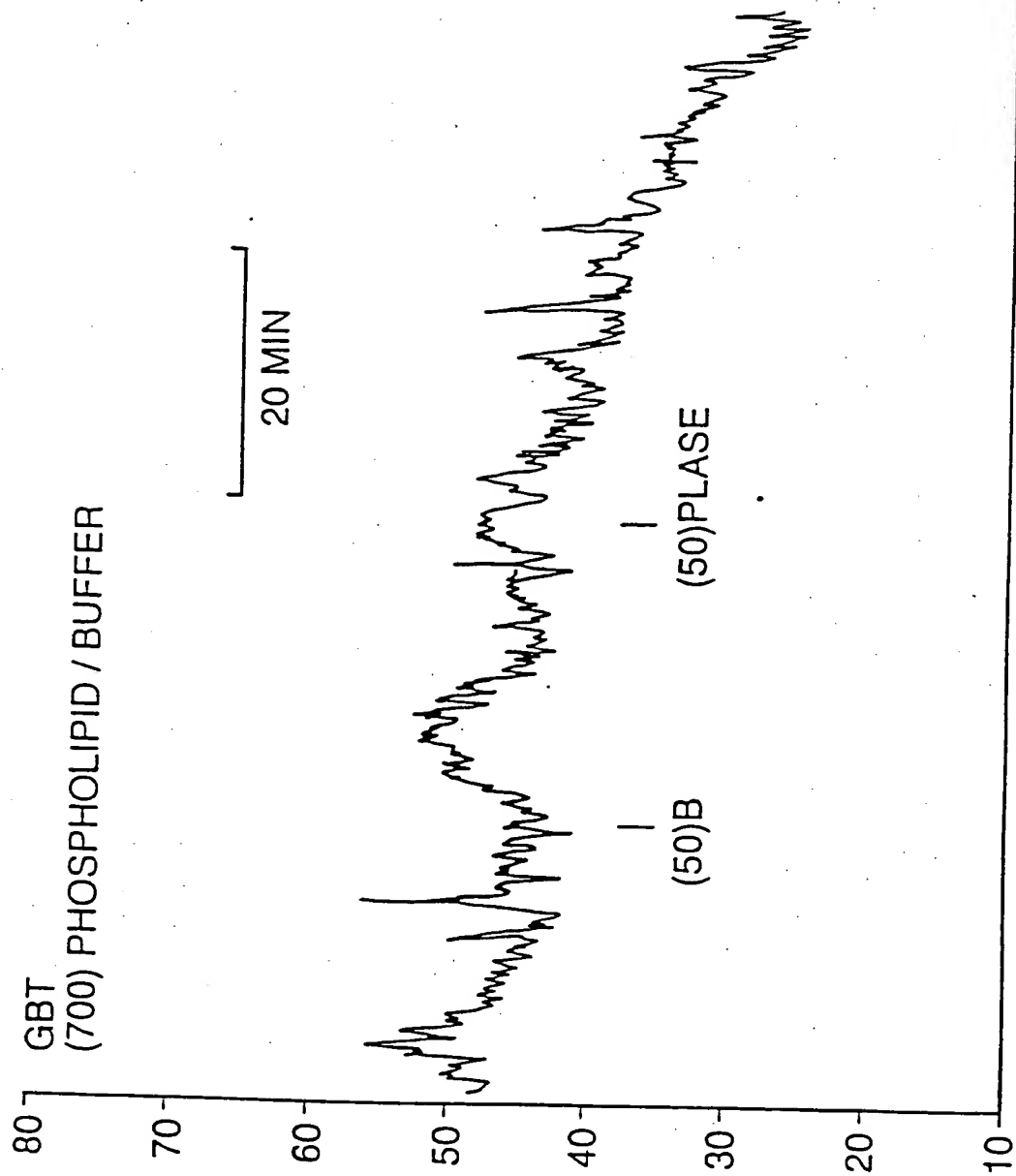


FIG.12.

003210-9895160

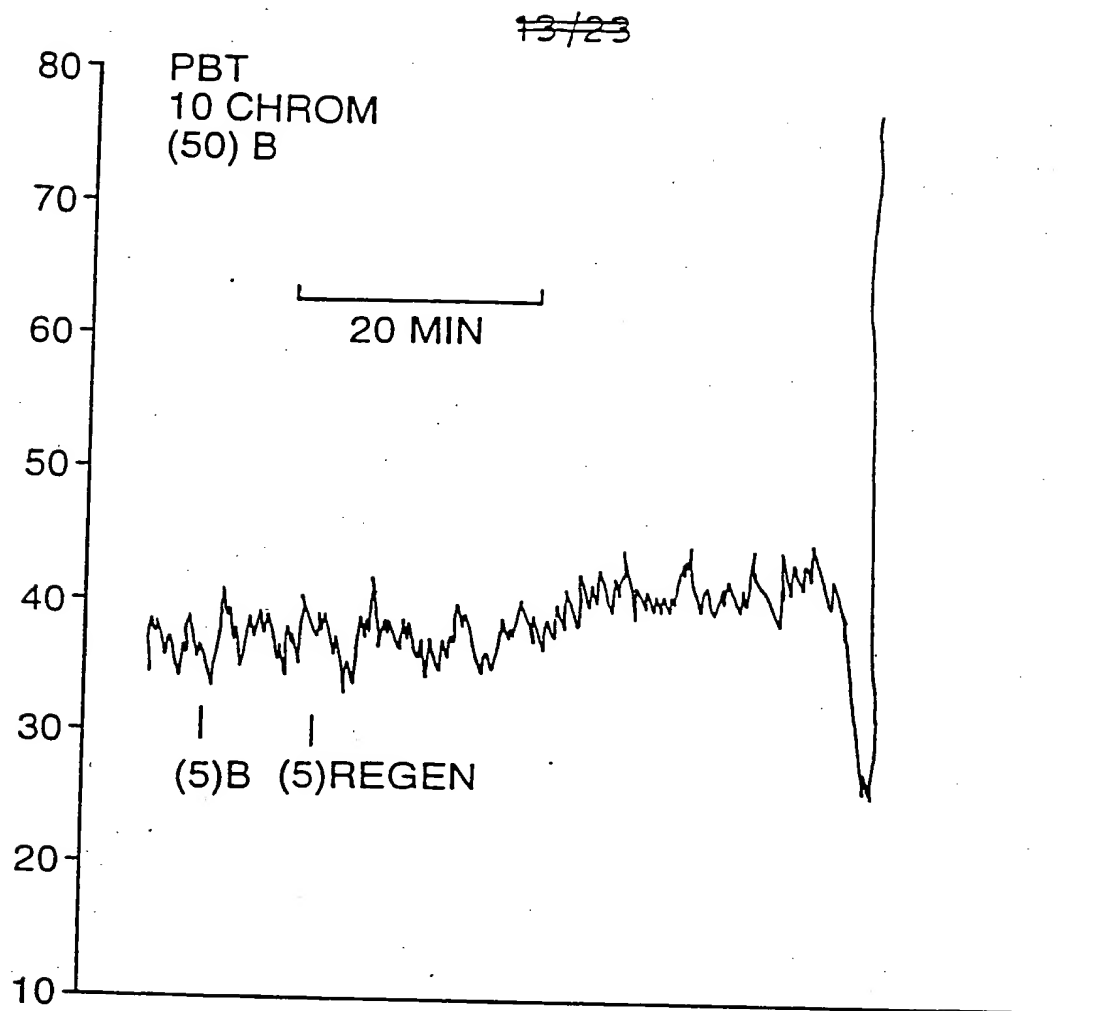


FIG.13.

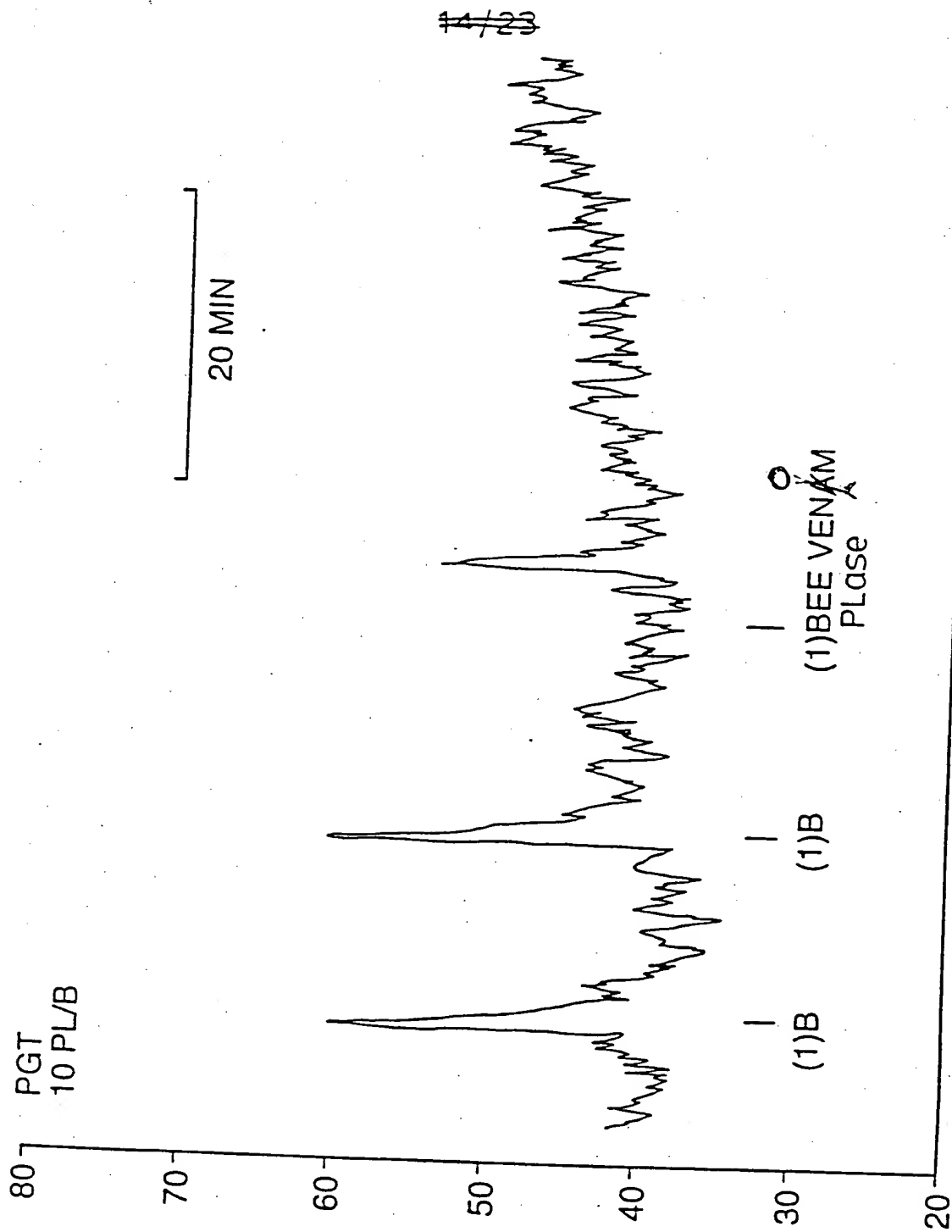


FIG.14.

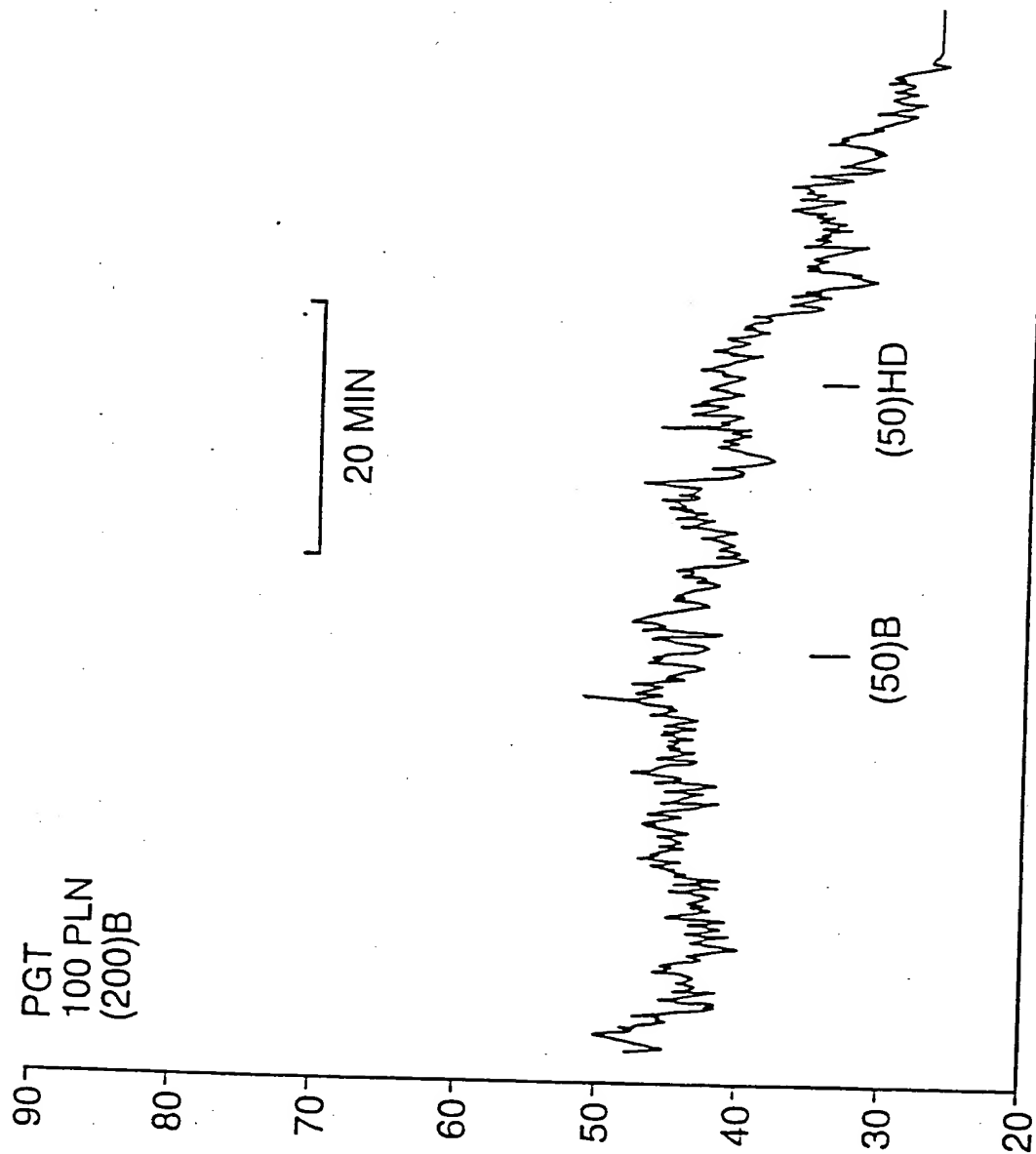


FIG.15.

#6/23

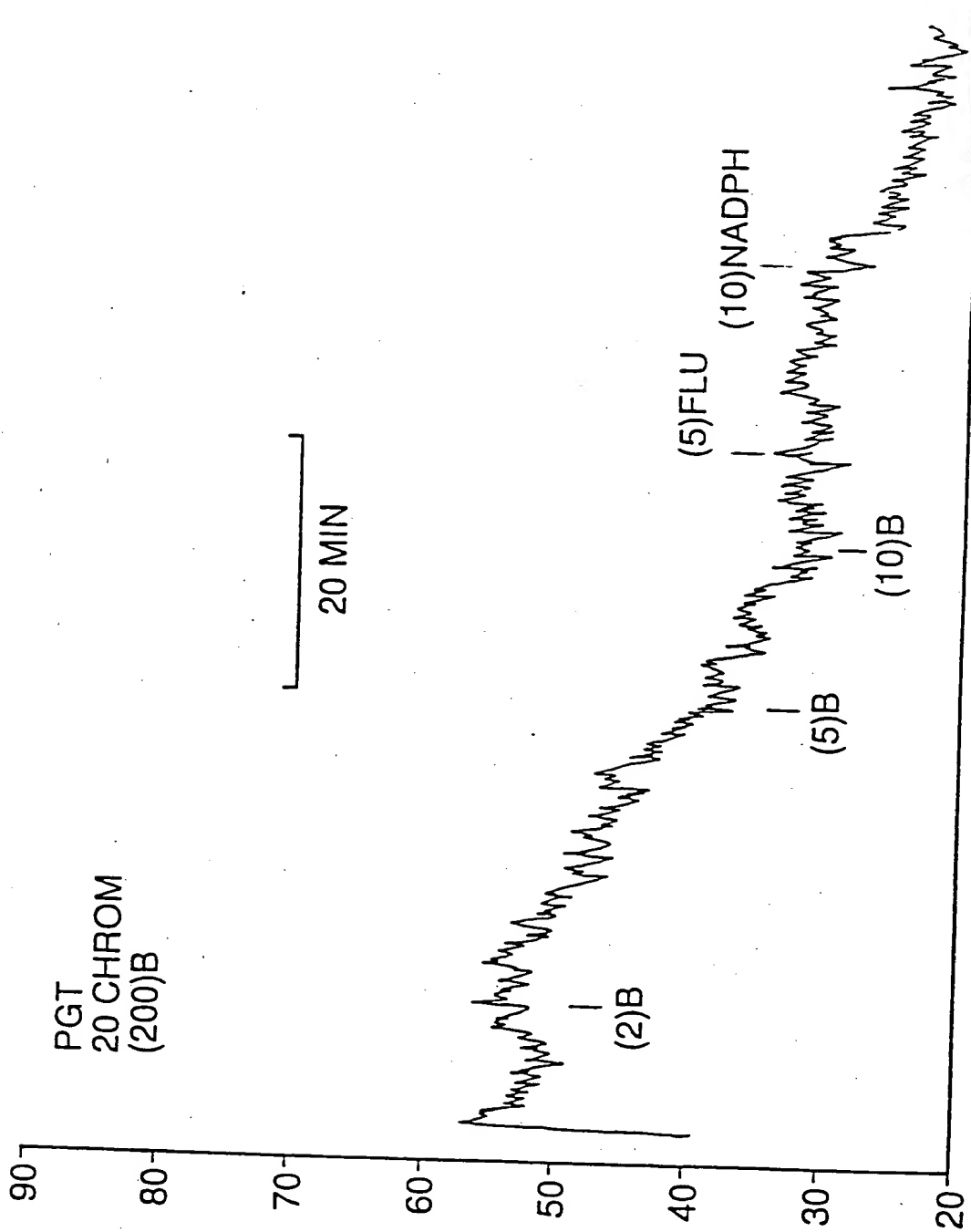


FIG.16.

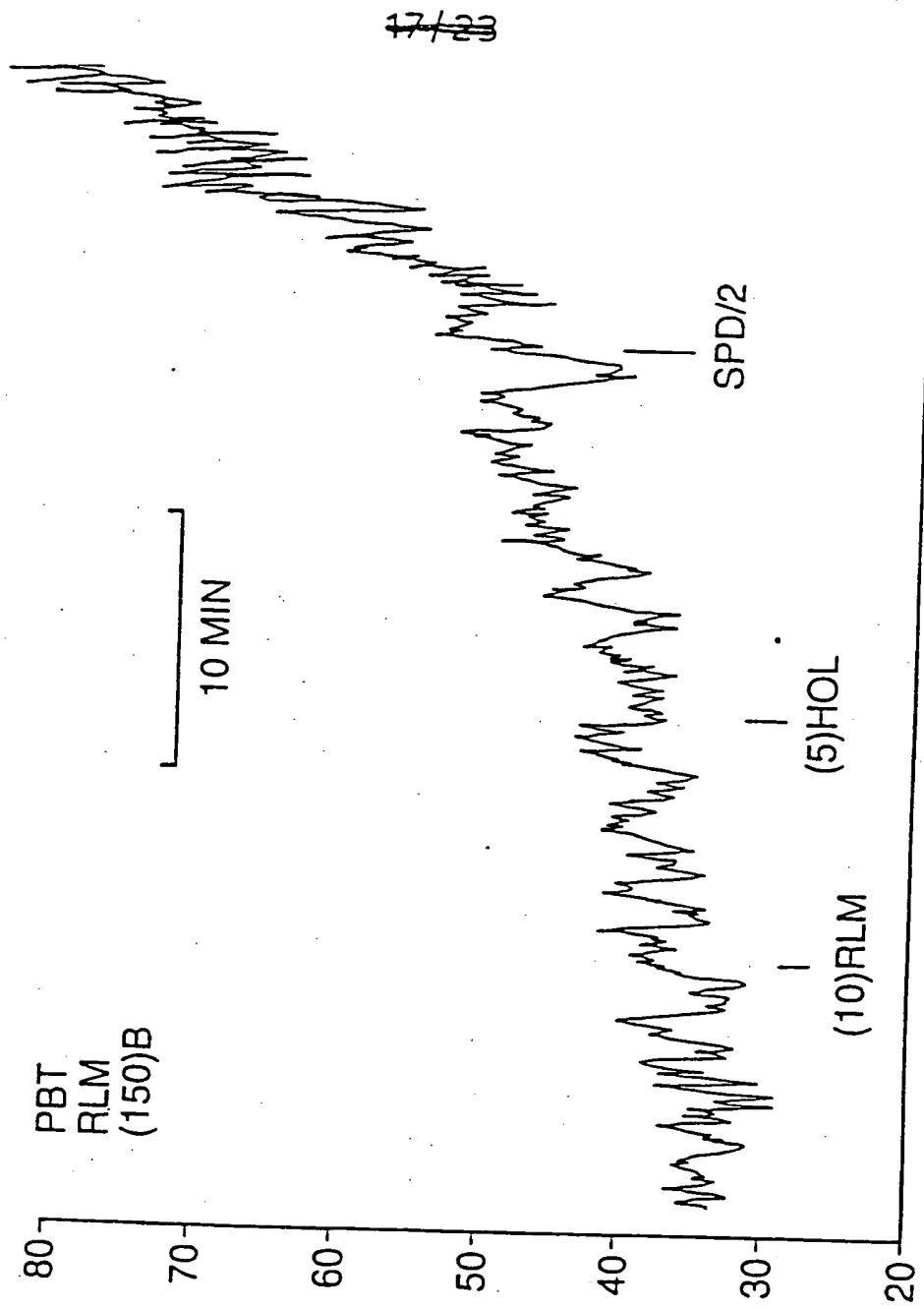


FIG.17.

008210" 989E6460

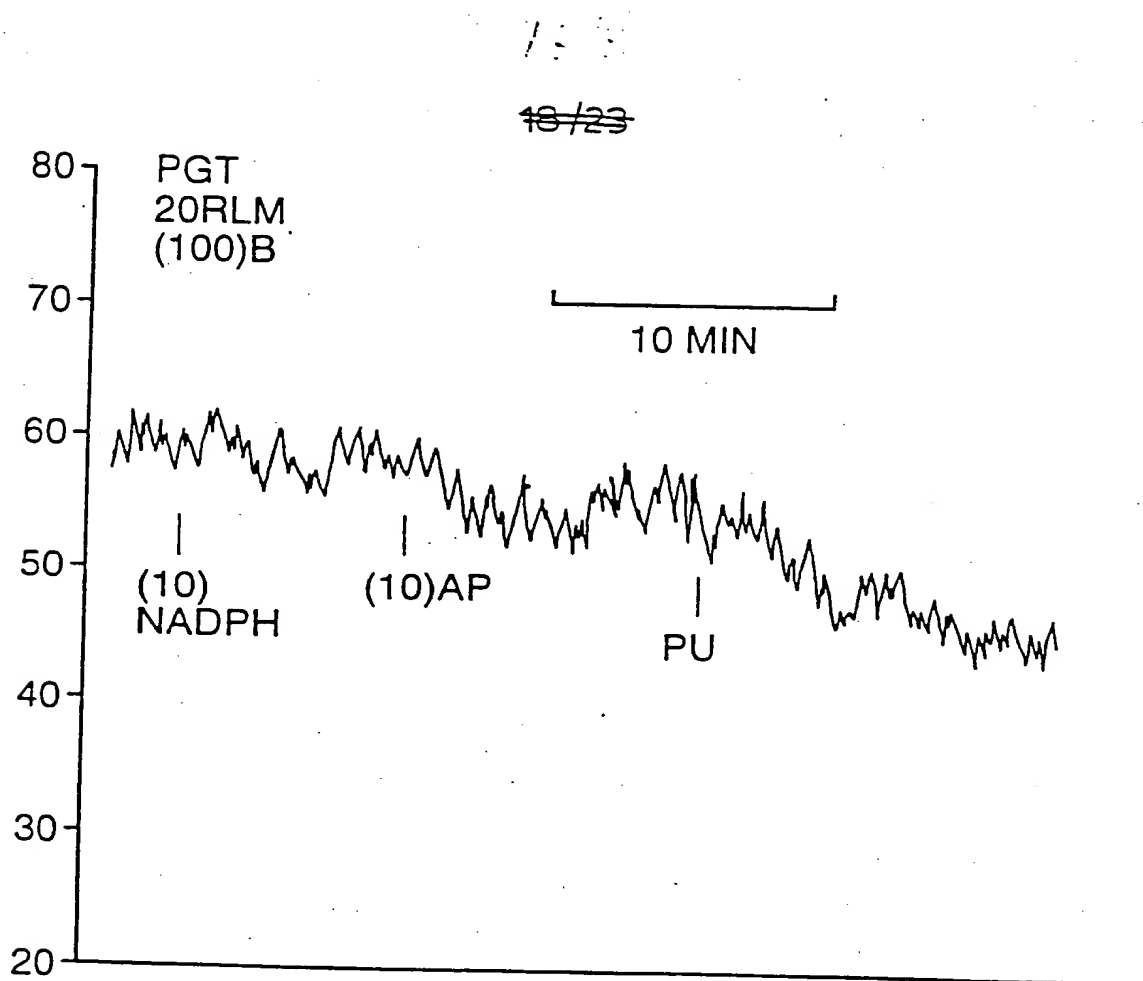


FIG.18.

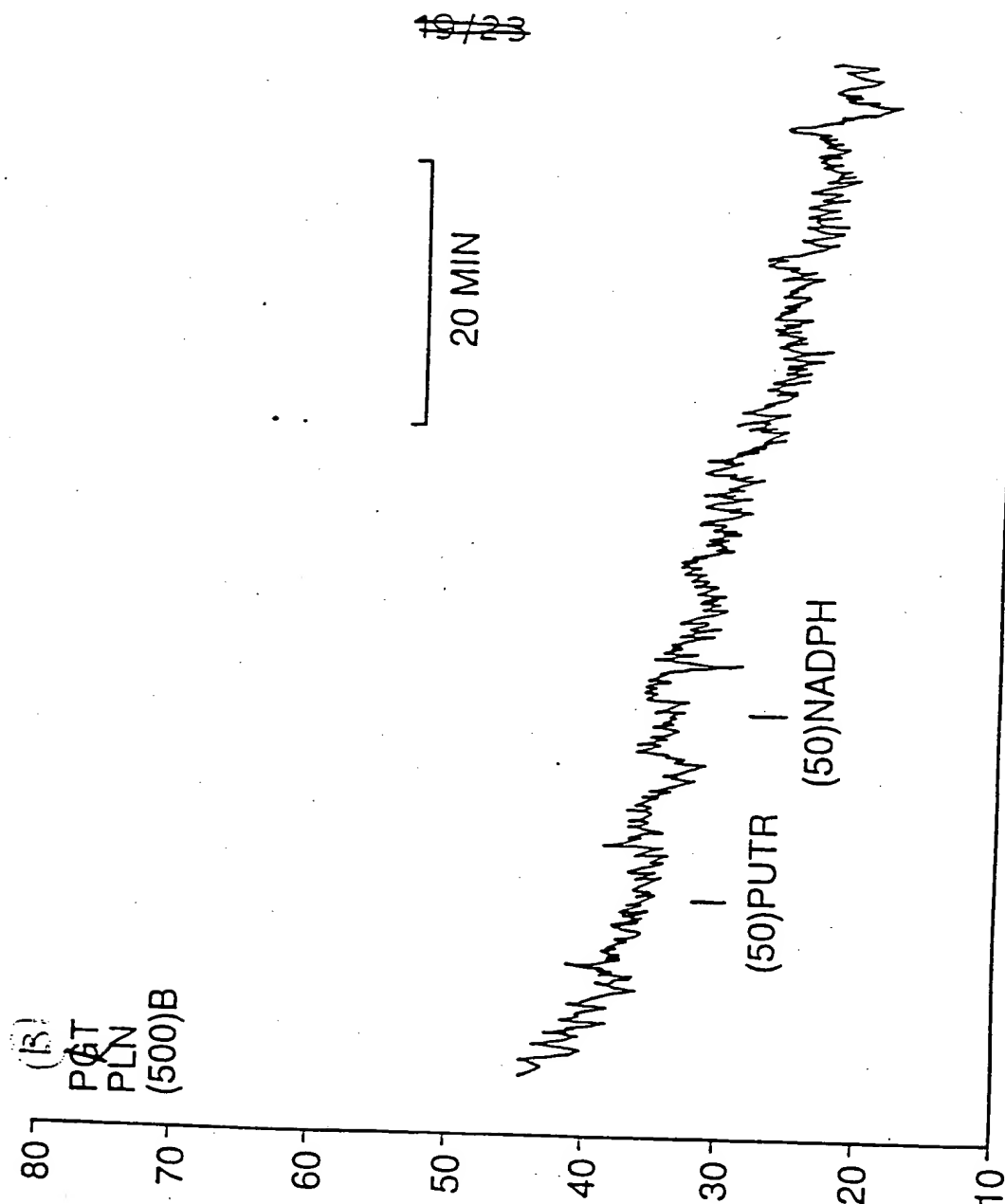


FIG.19.

00493686-012800

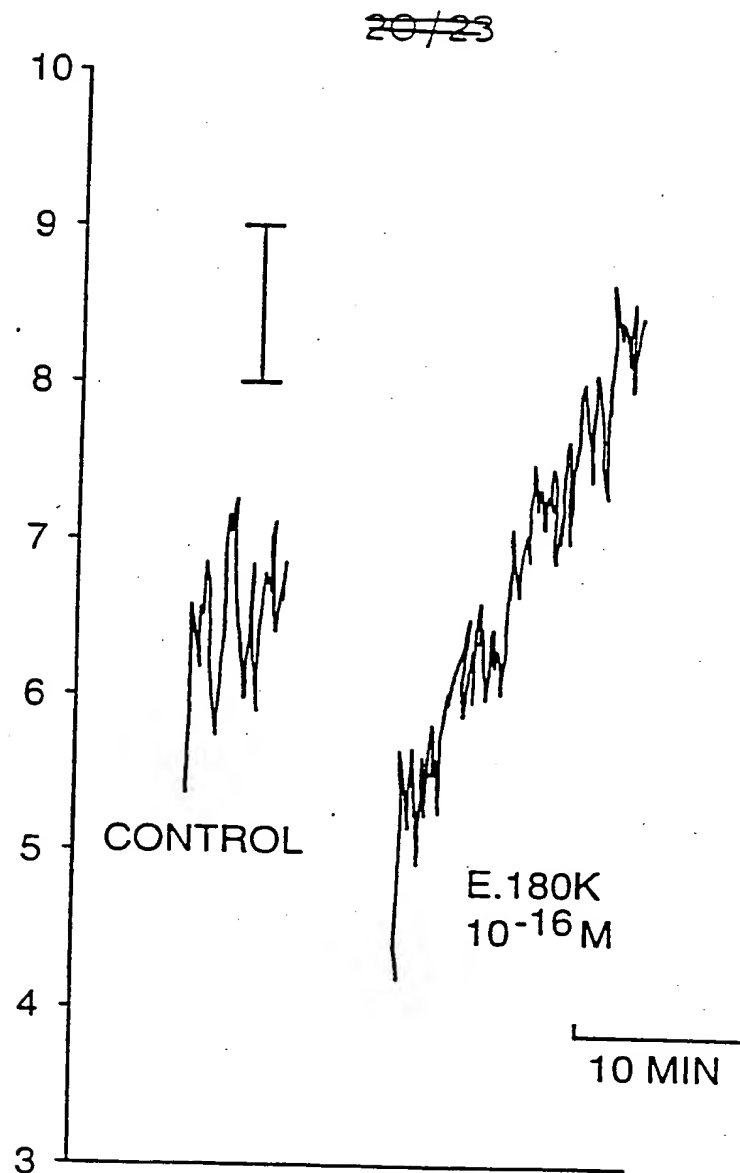


FIG.20.

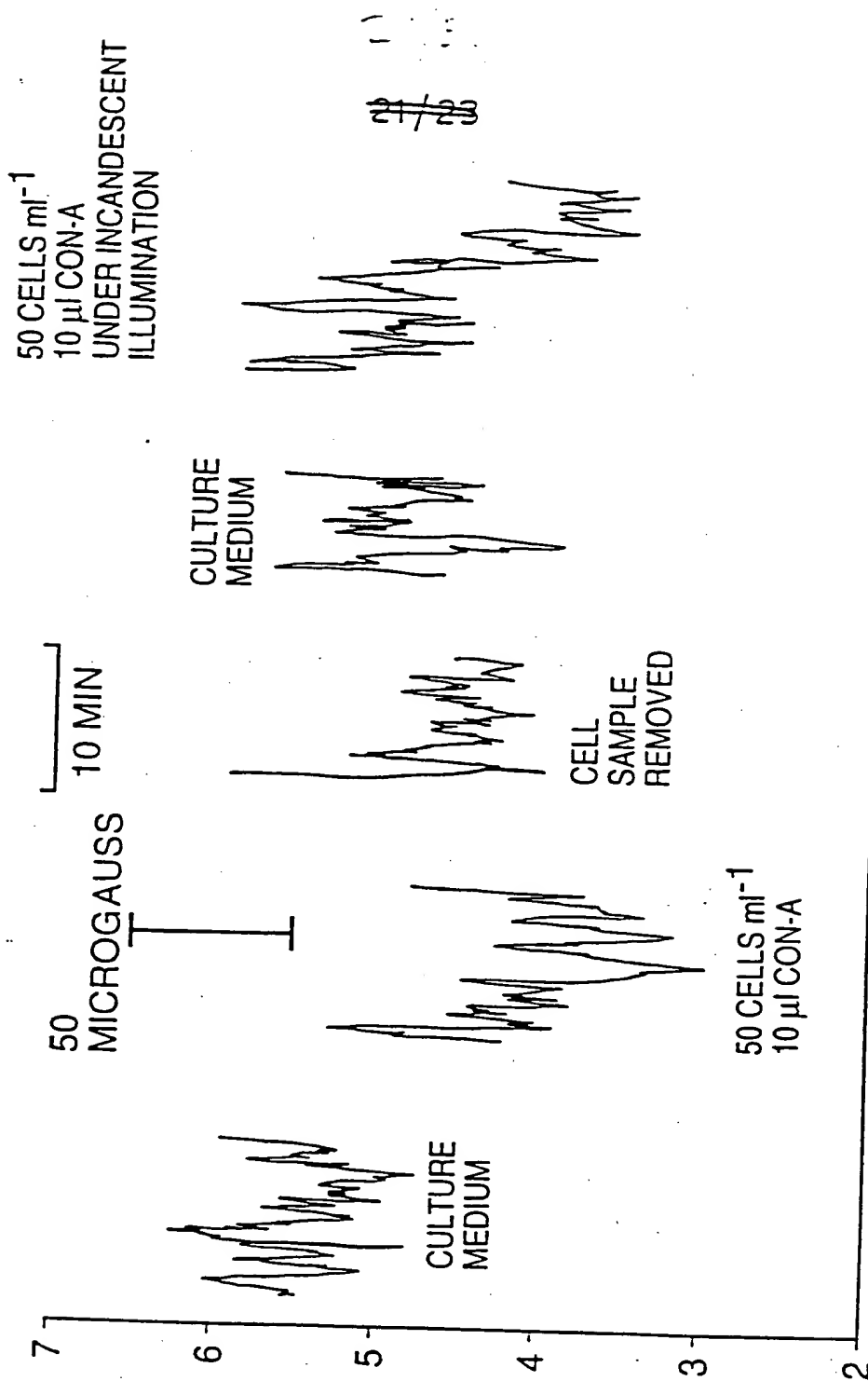


FIG.21.

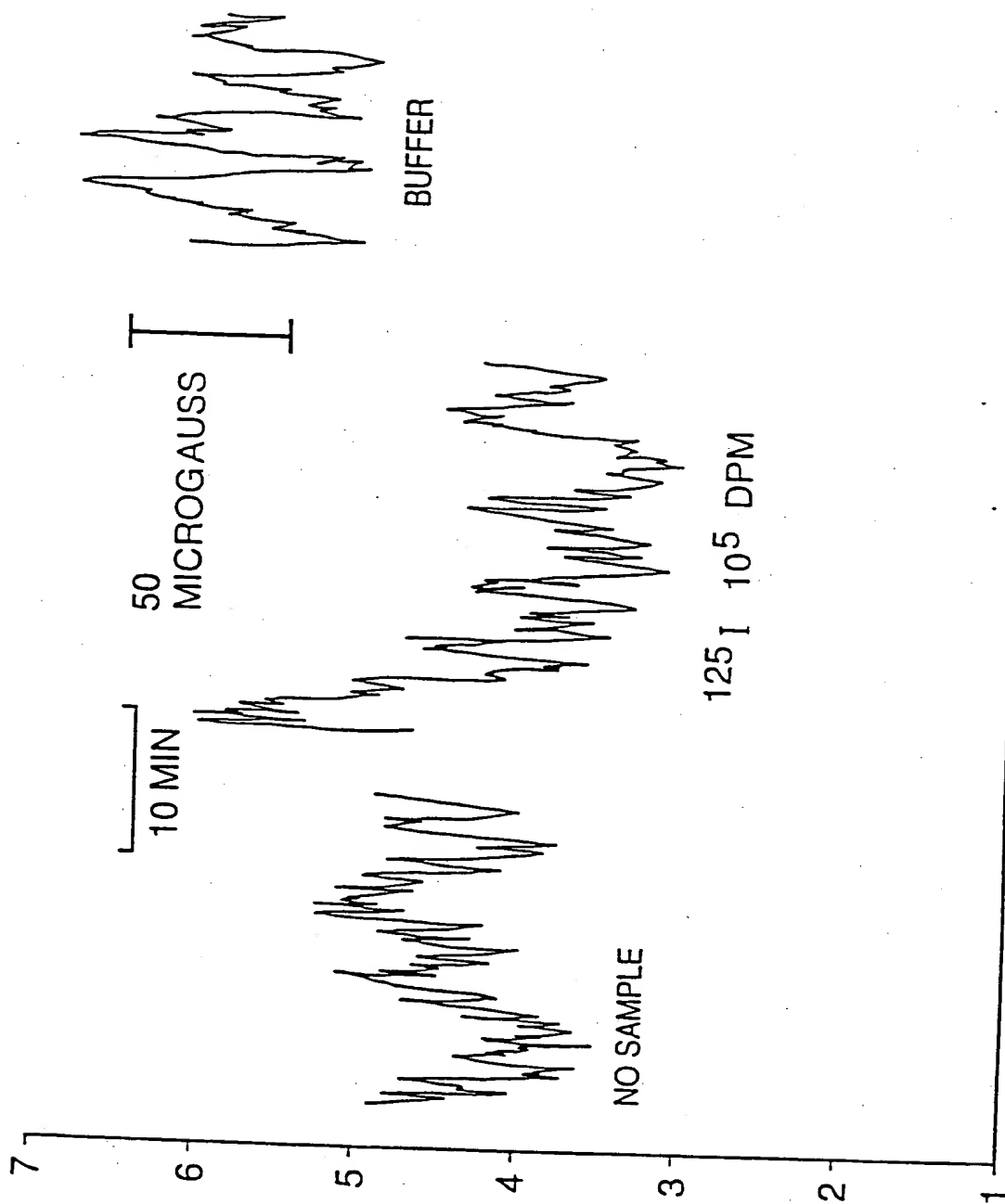


FIG.22.

003210" 989E6460

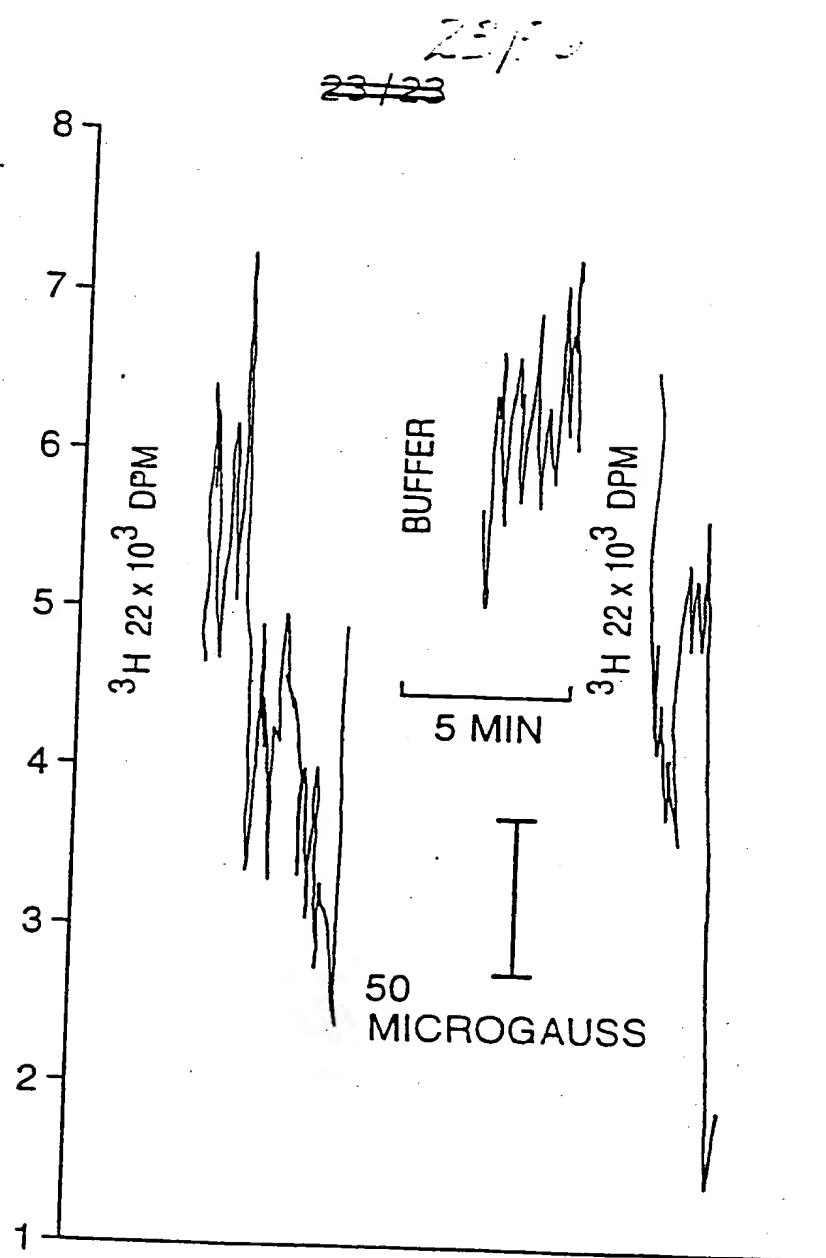
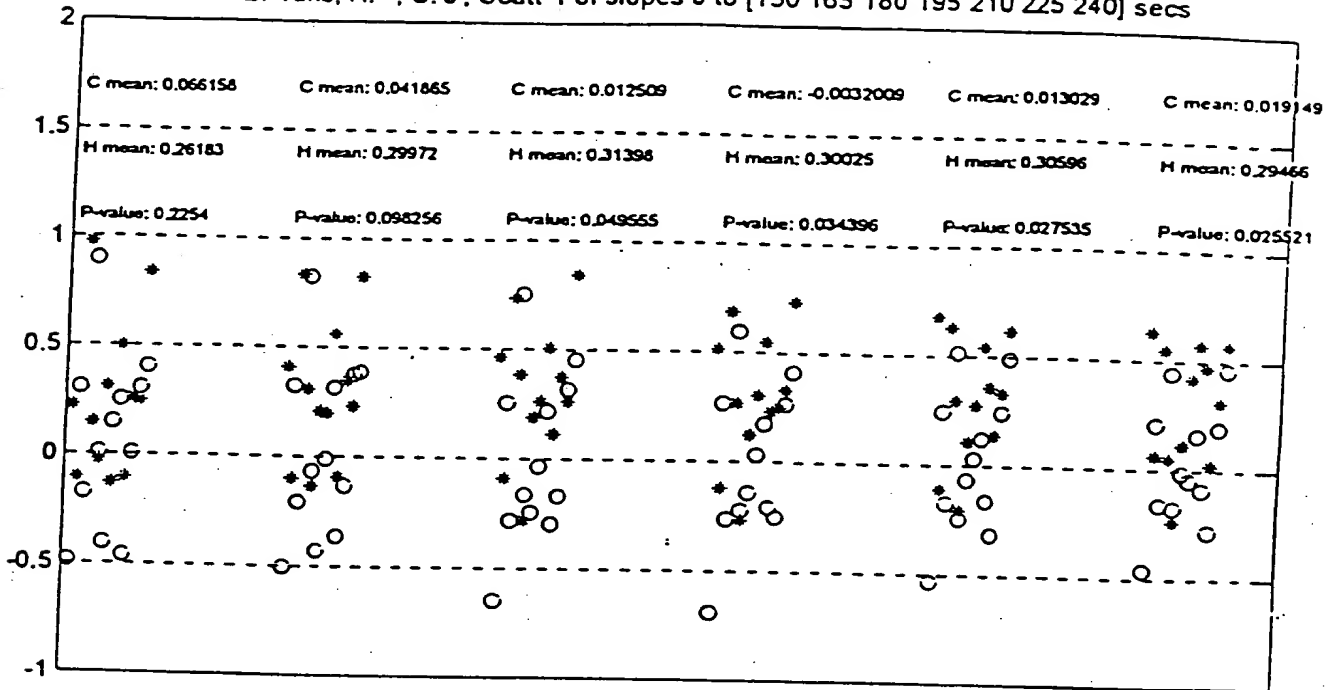


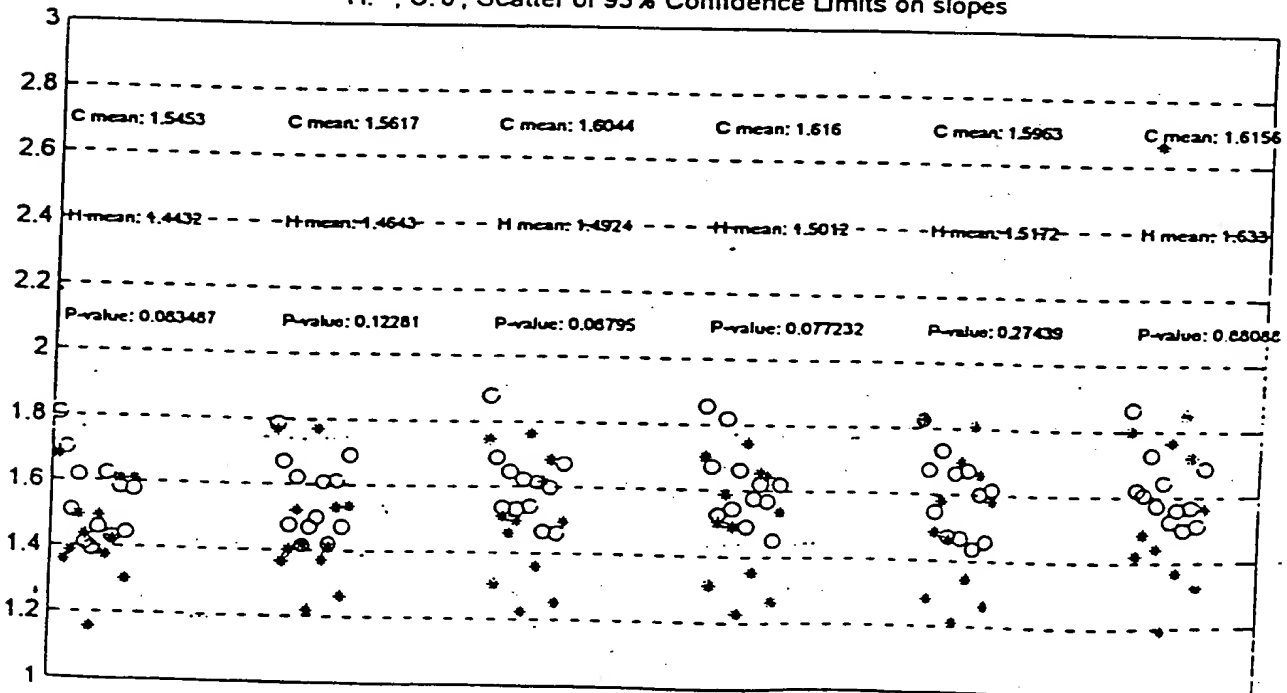
FIG.23.

FIGURE 25

Oct. 27 runs, H: " ", C: "o", Scatter of slopes 0 to [150 165 180 195 210 225 240] secs



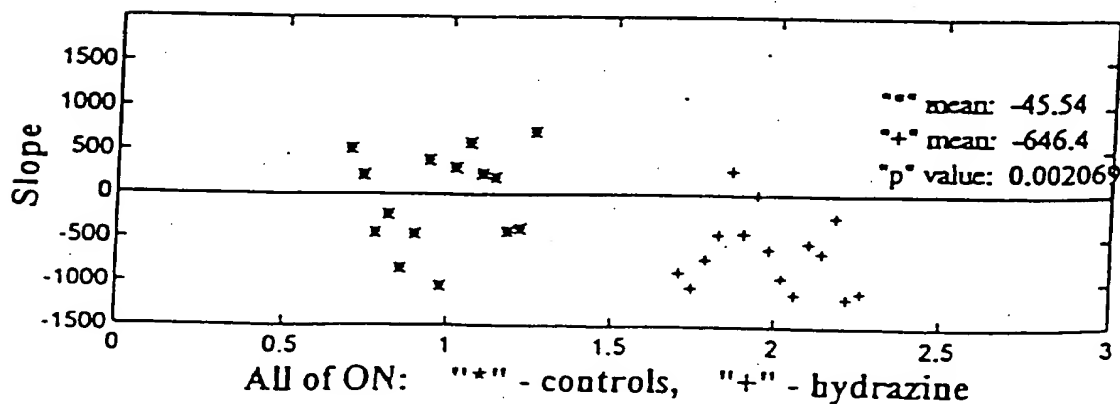
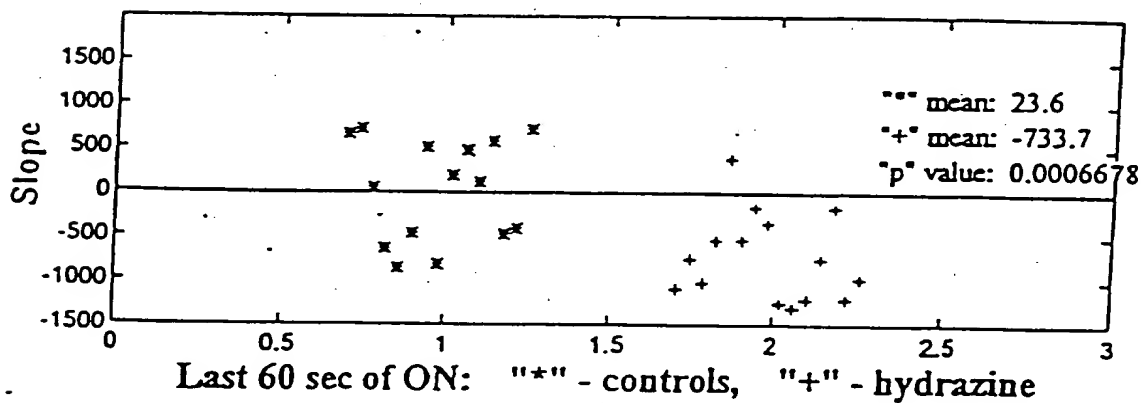
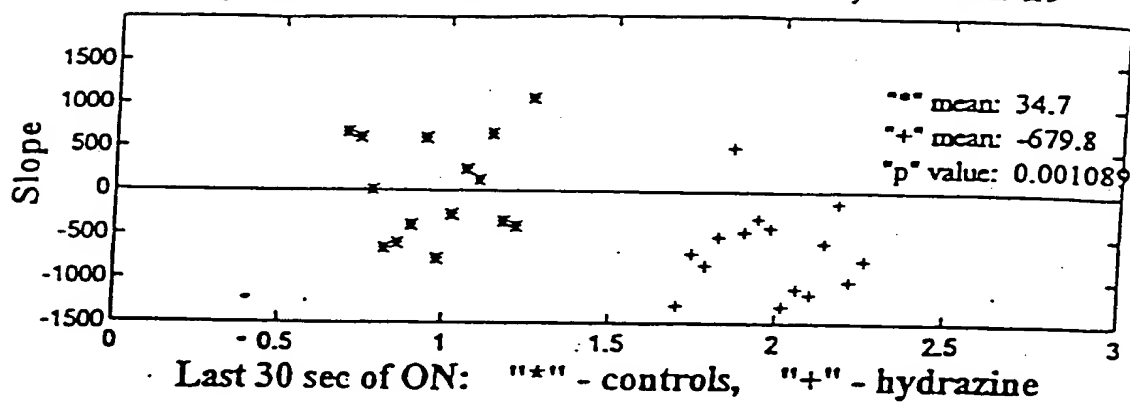
H: " ", C: "o", Scatter of 95% Confidence Limits on slopes



003270" 98955-160

FIGURE 26

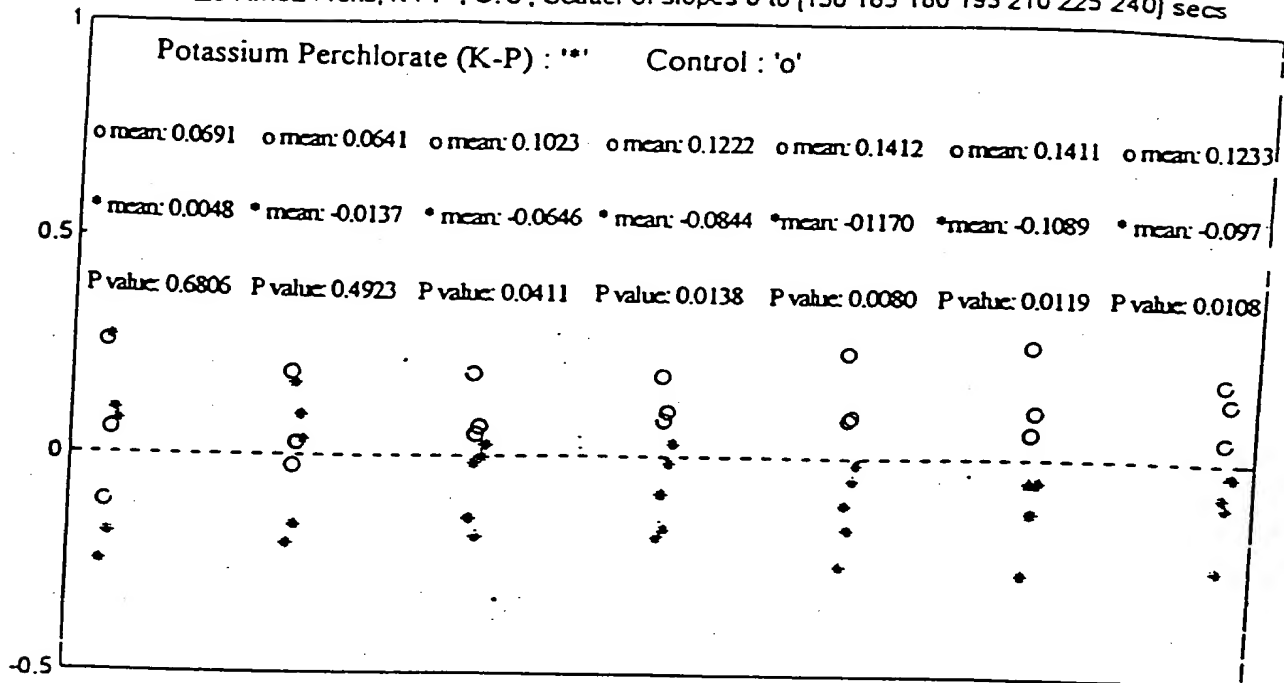
Hydrazine Sulfate Runs - June 11, 17 and 19



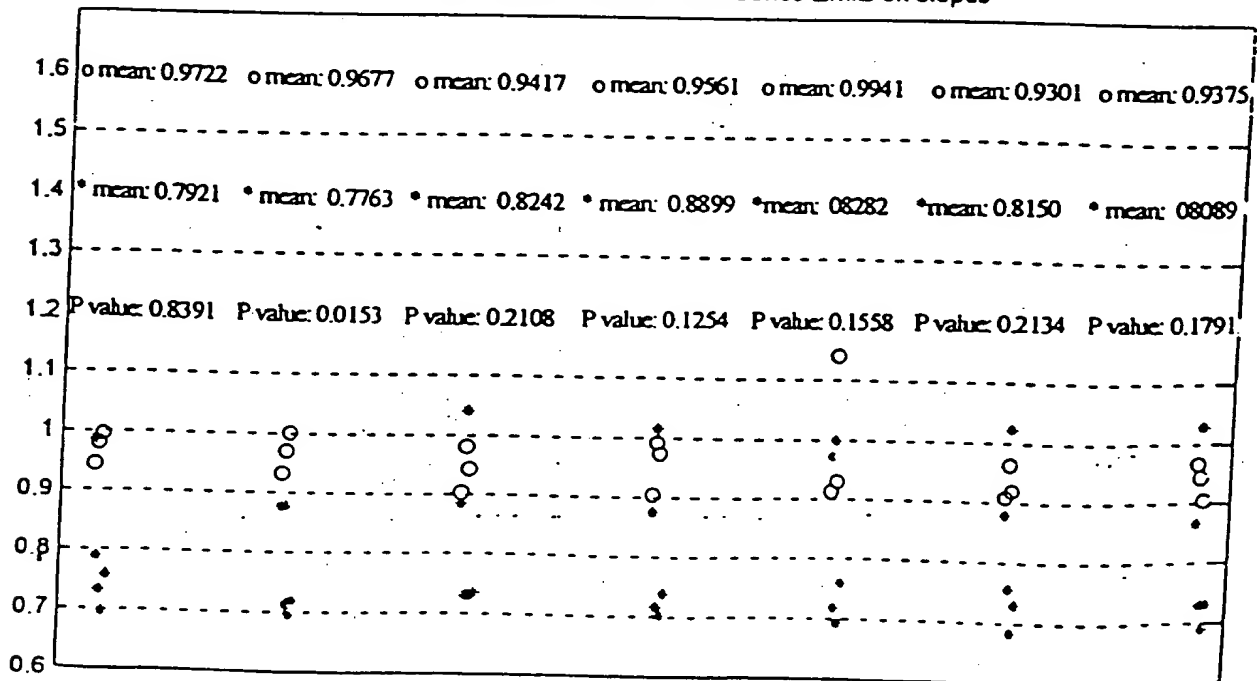
003210 9896460

FIGURE 27

Nov.25 Rm324 runs, K-P: "•", C: "o", Scatter of slopes 0 to (150 165 180 195 210 225 240) secs



K-P: "•", C: "o", Scatter of 95% Confidence Limits on slopes



008210" 989E5160

Nov.28b runs, K-P:*, C:'o', Scatter of slopes 0 to [150 165 180 195 210 225 240] sec

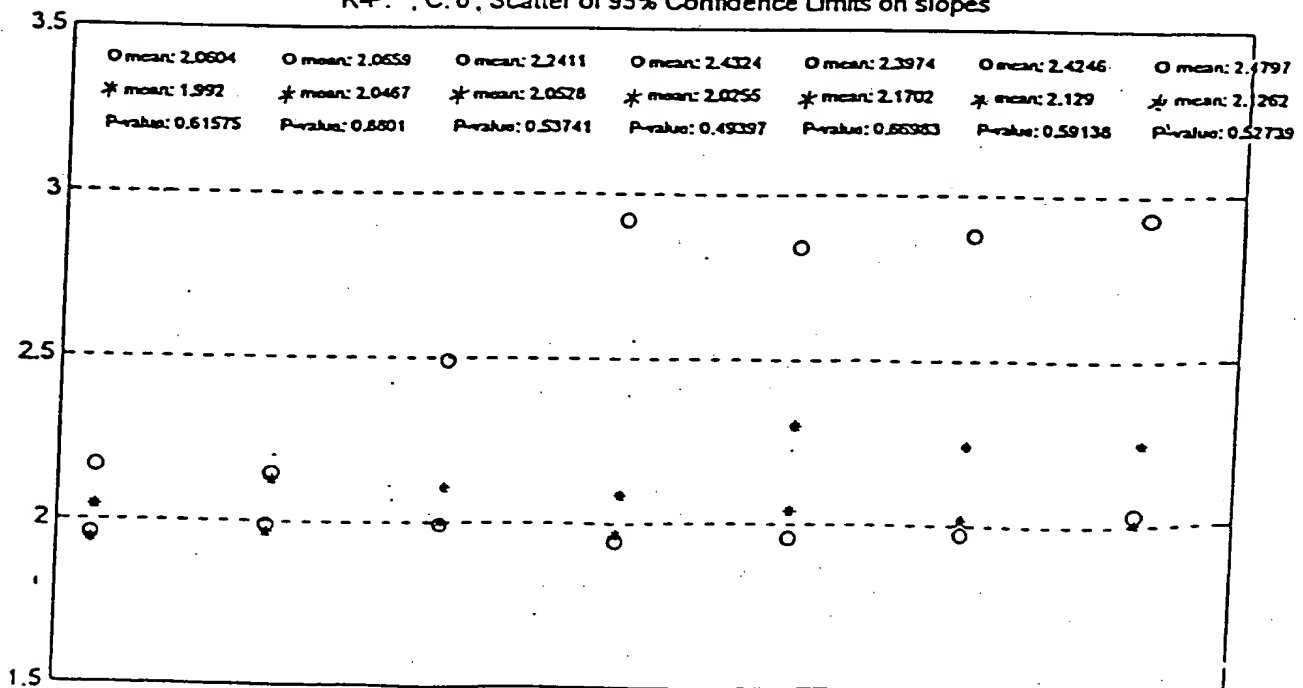
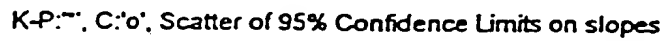
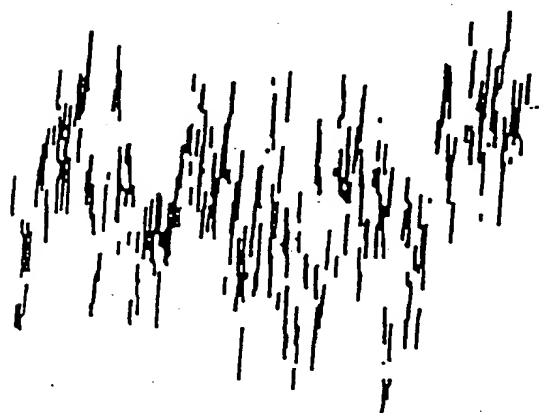
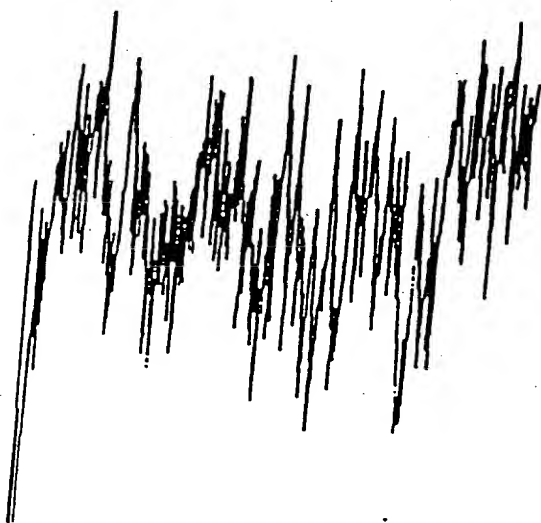


FIGURE 29

(A)
COMPUTER-GENERATED
FACSIMILE OF CHART
RECORDING

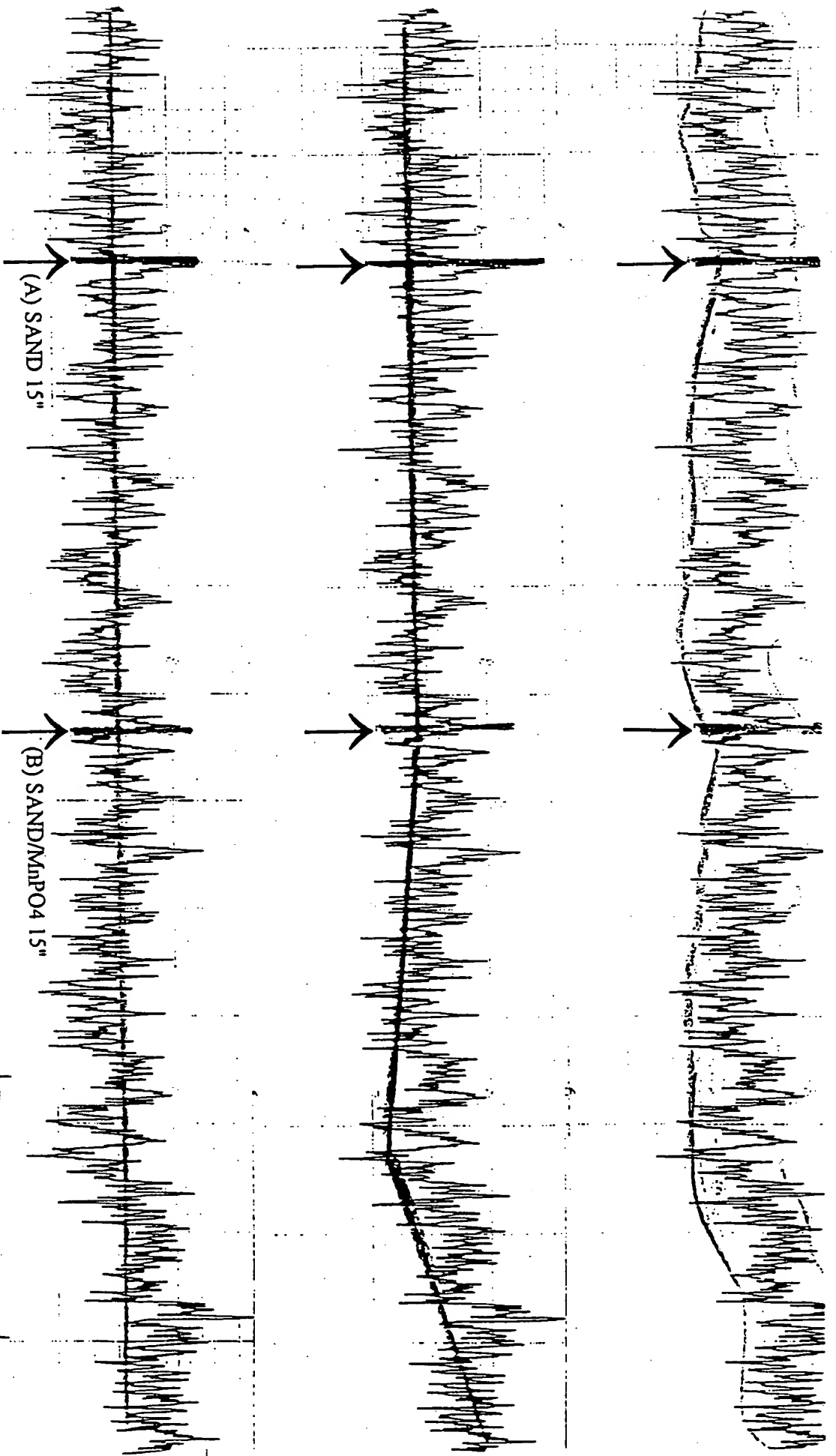
(B)
ELIMINATION OF DENSITIES
BELOW AN ARBITRARY
THRESHOLD. SHOWN ON
COMPUTER SCREEN
FACSIMILE OF CHART
RECORDING

008210" 989E6160

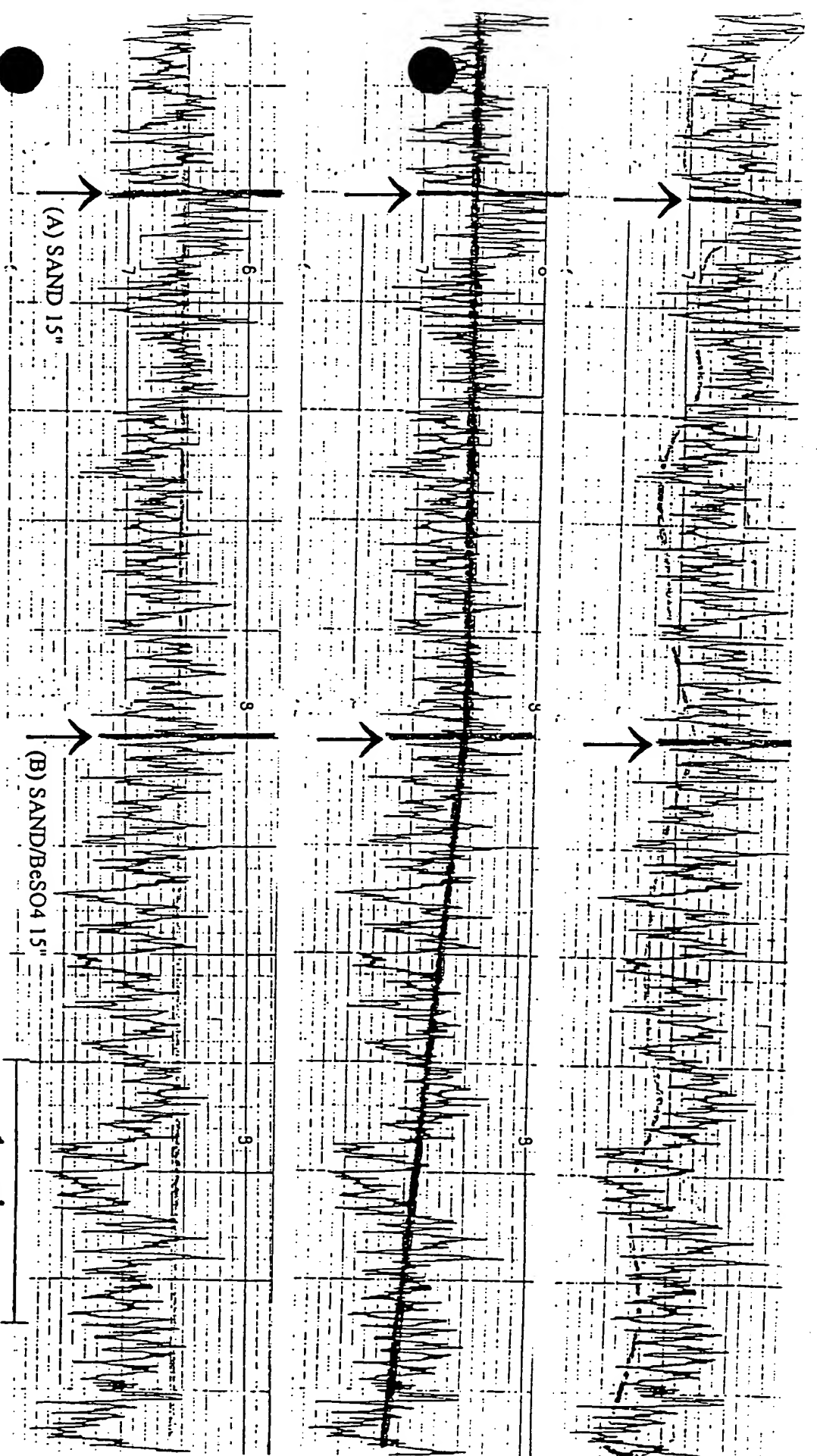


REPRESENTATIVE CALCULATIONS

- * number of densities: 136
- * number of densities with areas > 70 units: 22
- * Total area of densities: 5709 units
- * Total area of densities > 70 units: 2559 units

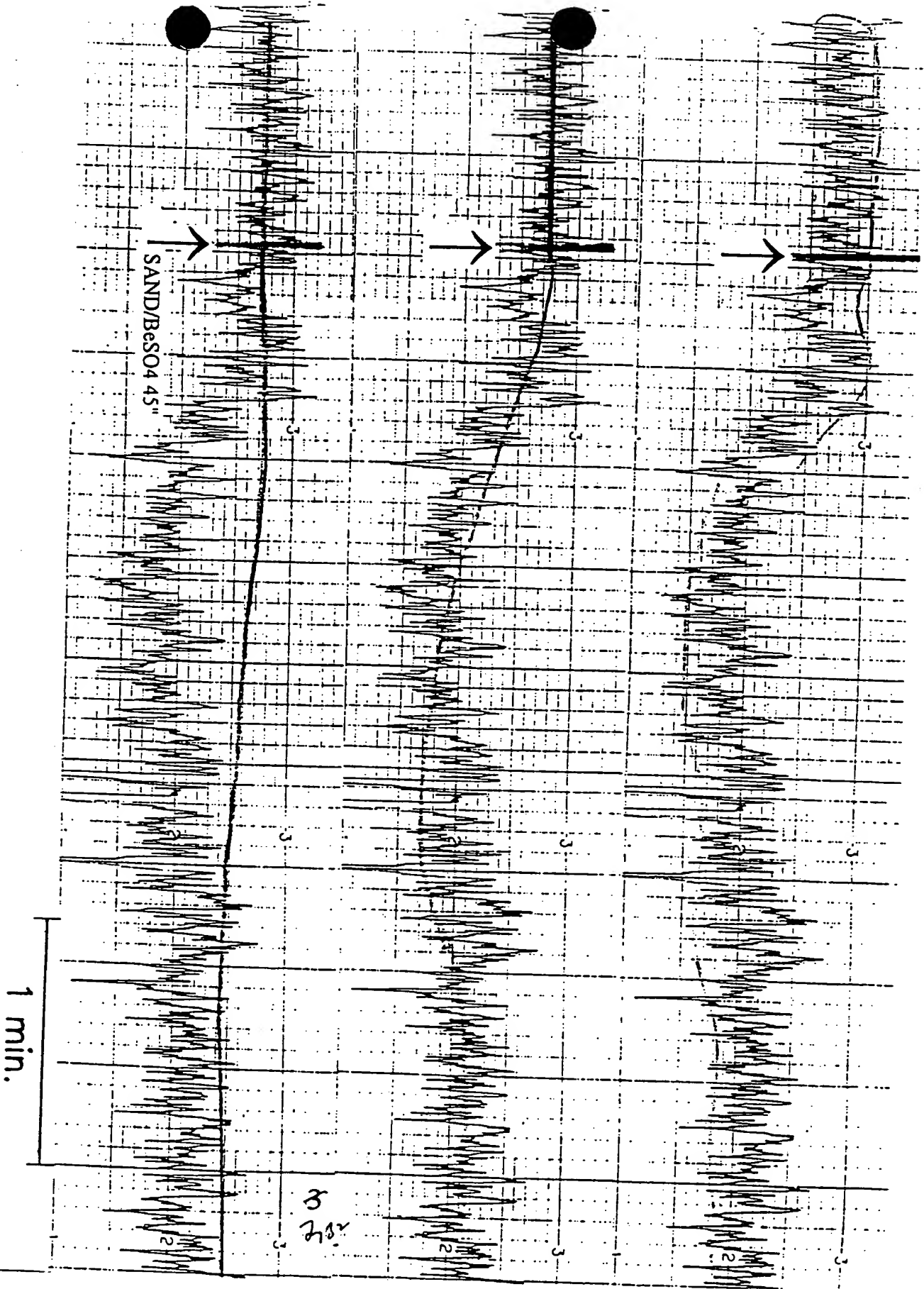


+20



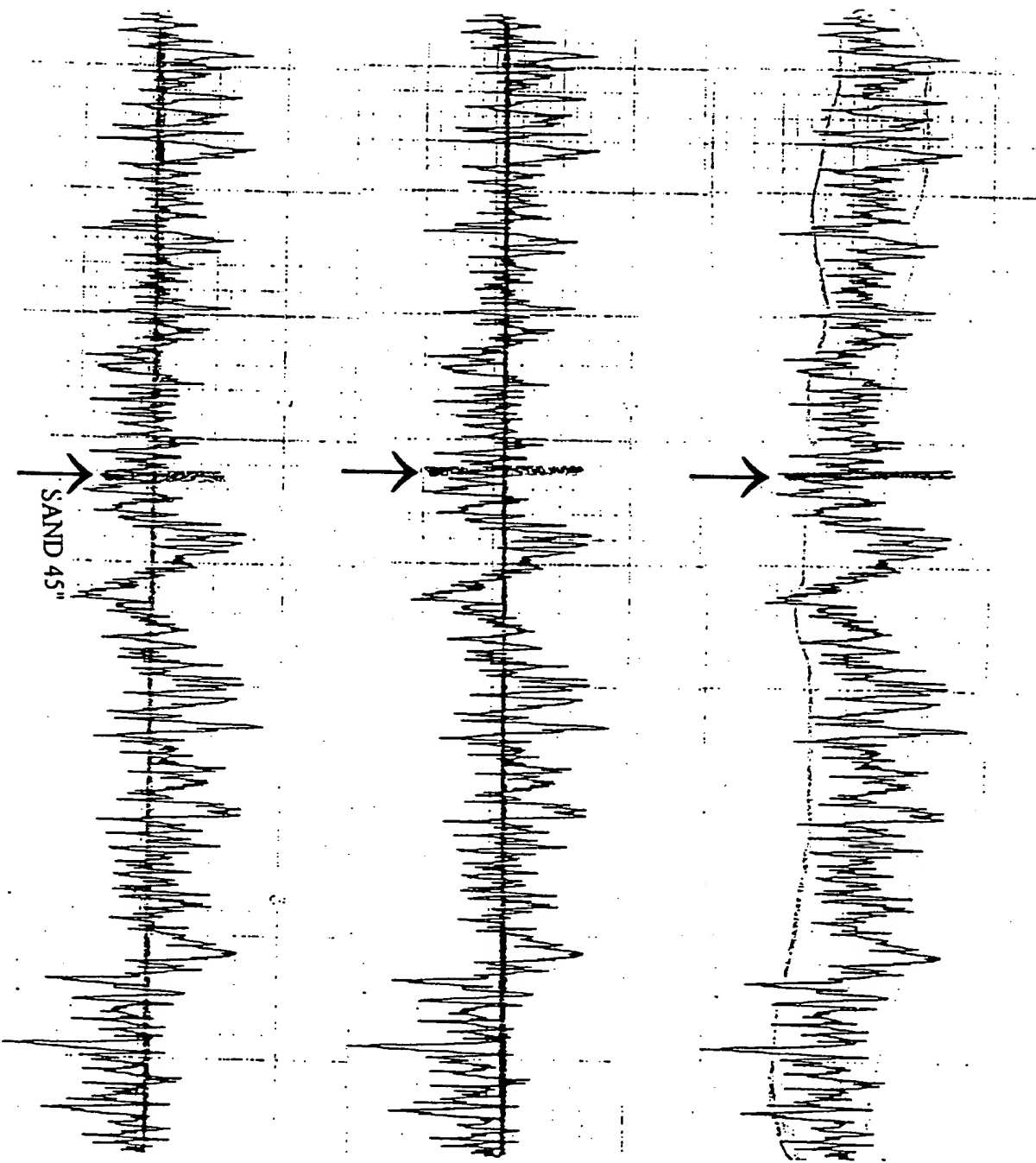
2512

D9493686 . 012800



09493686 . 012800

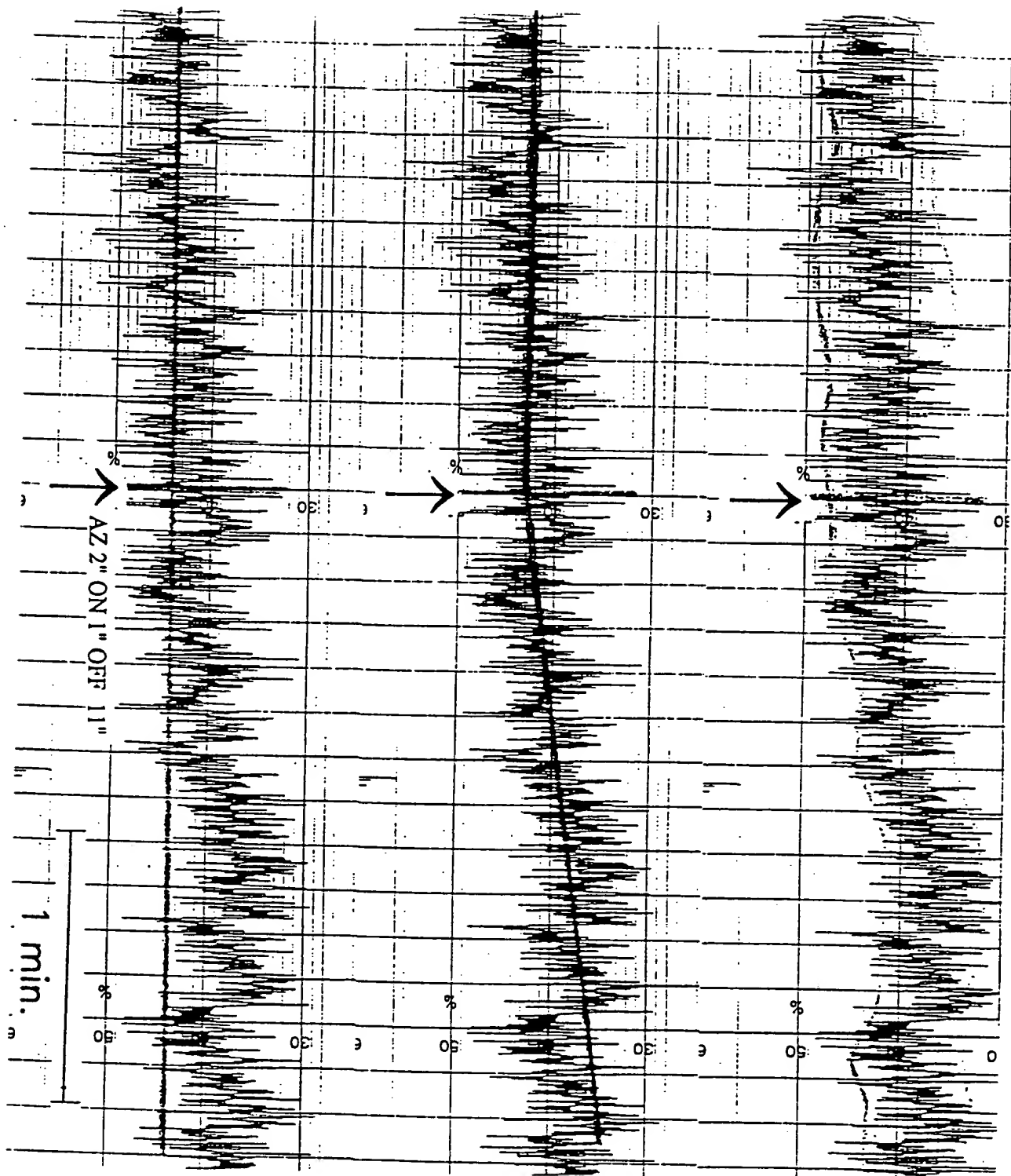
4 2733



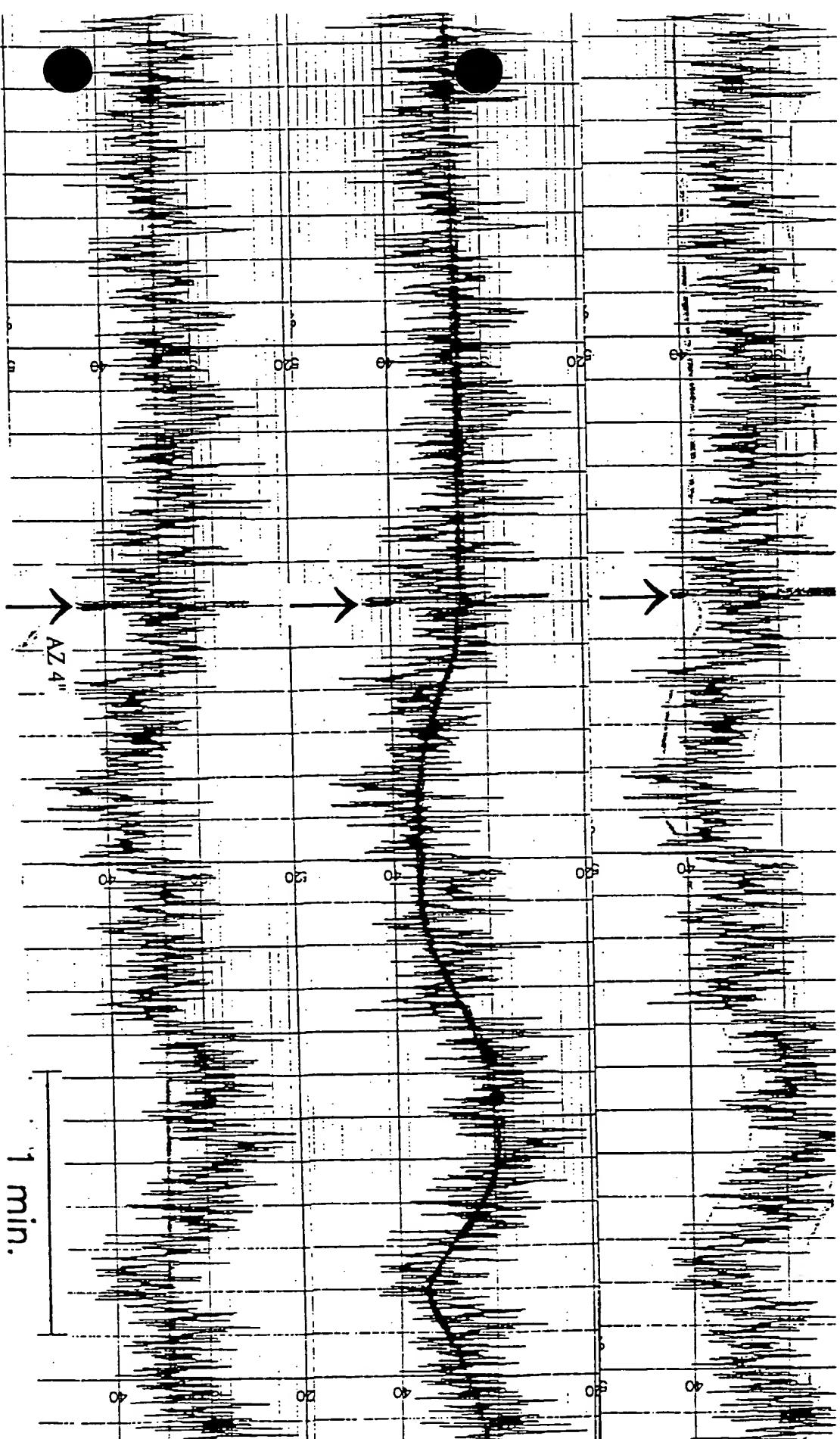
1 min.

09493585 . 012800

09493686 . 012800

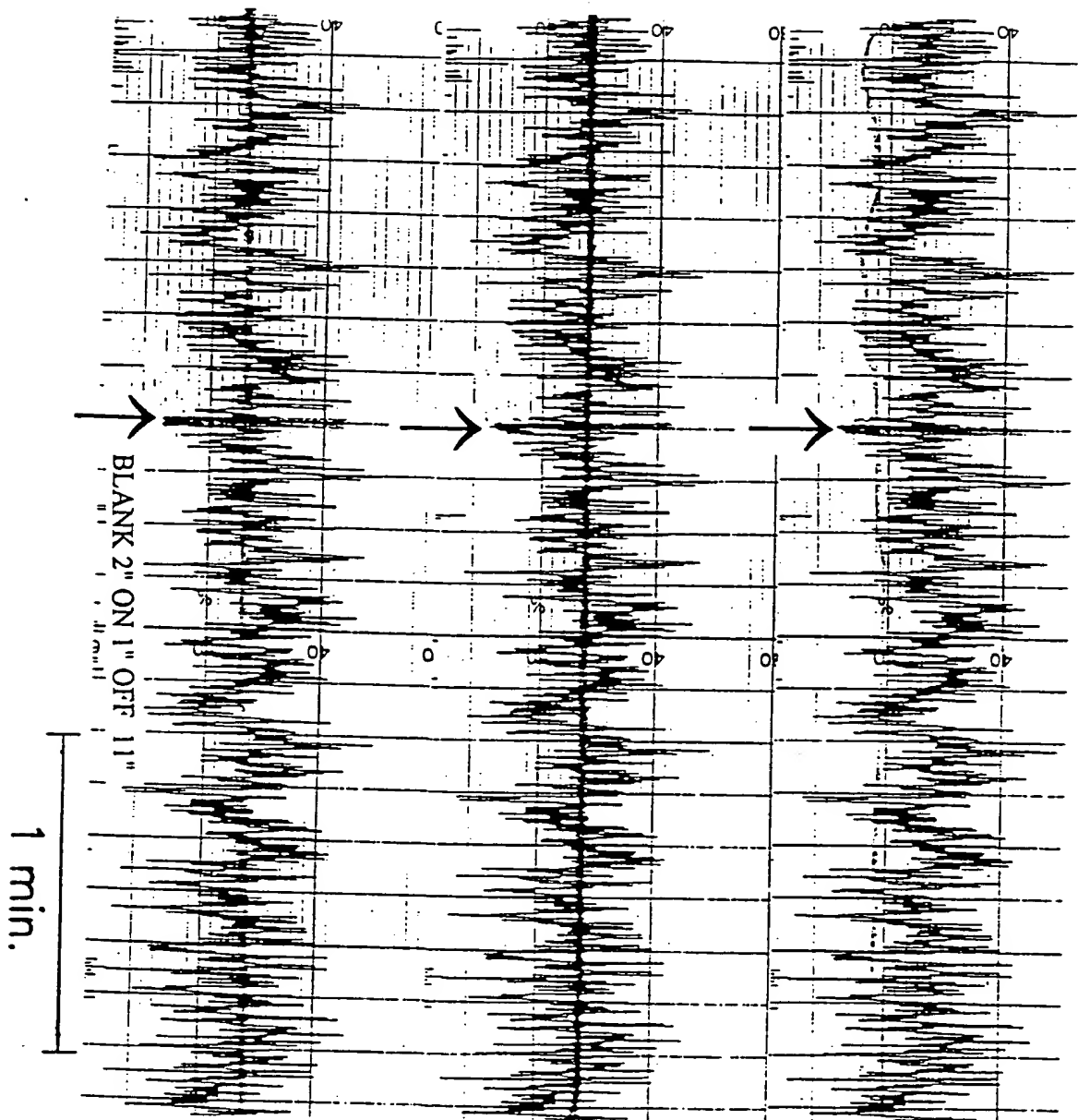


5 2/21



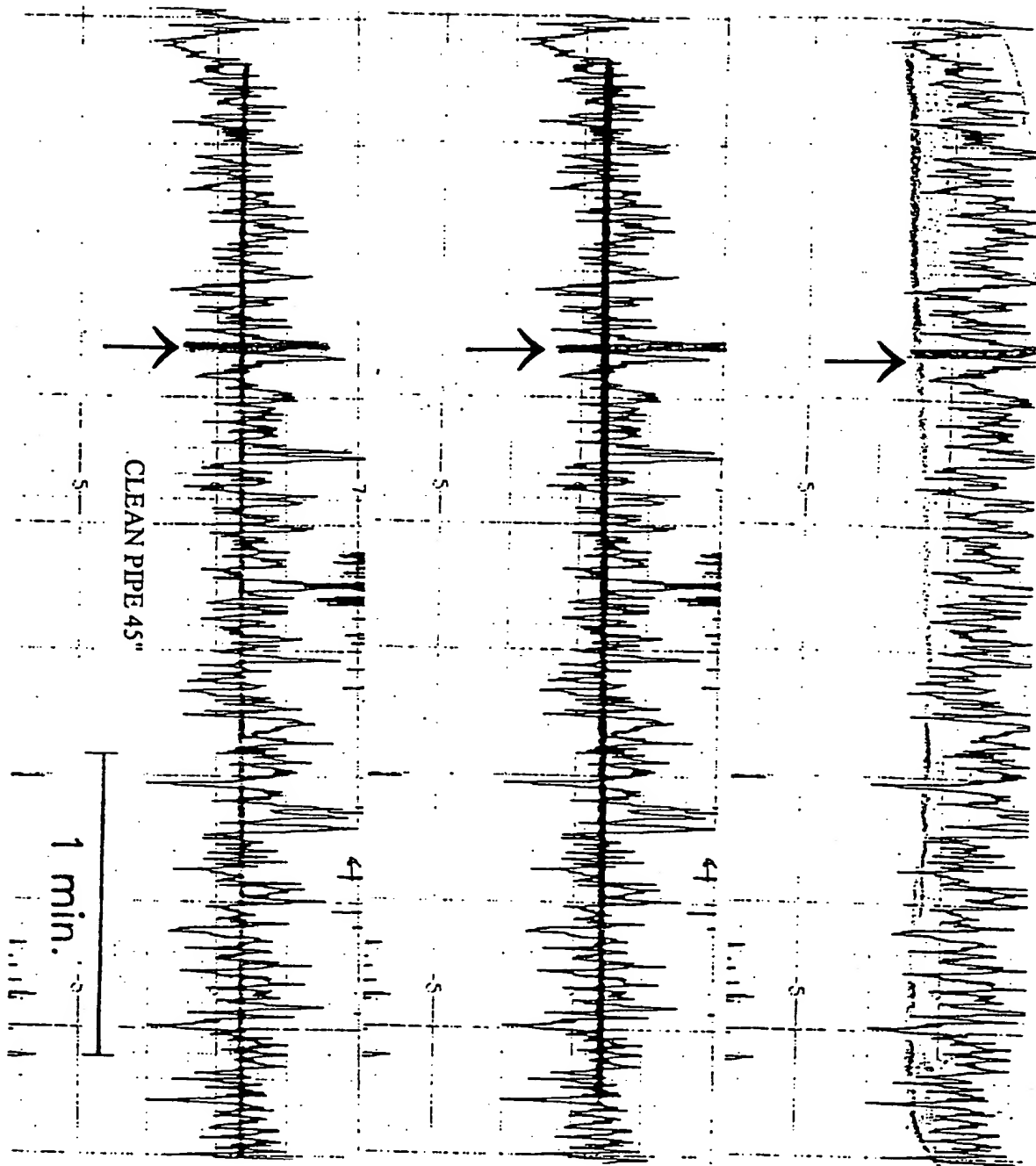
09493686.012800

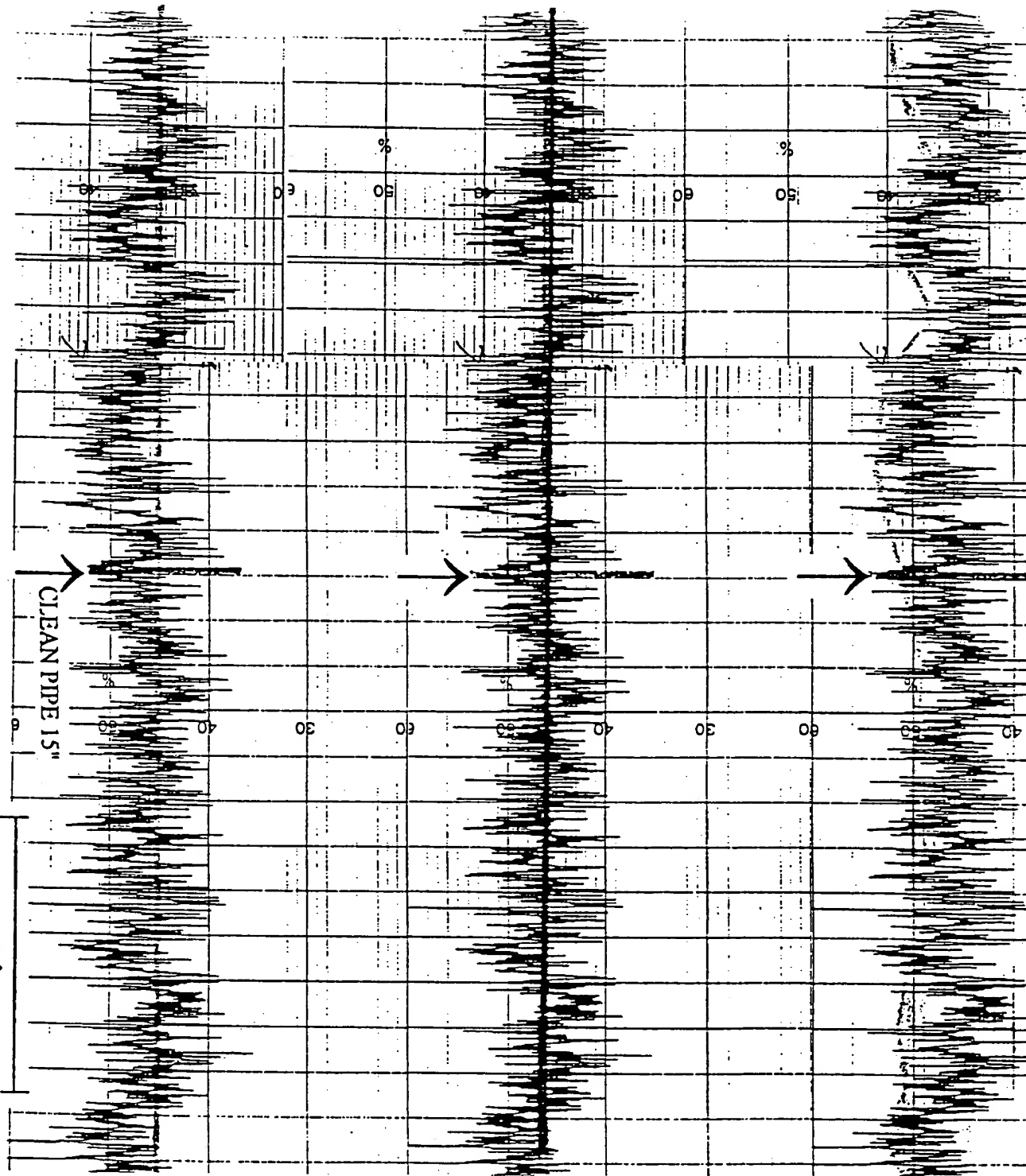
564
245



7 7436

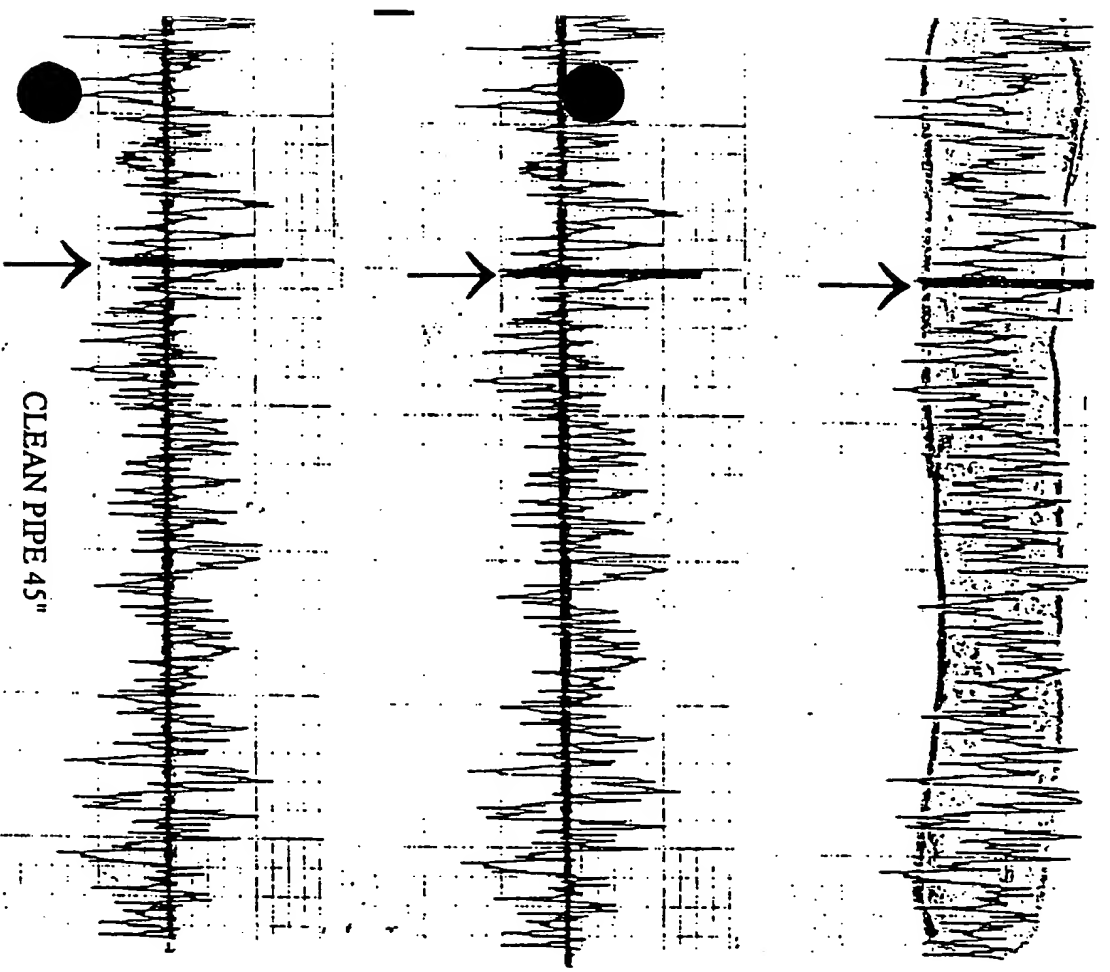
09493686 . 012800





9 24 88

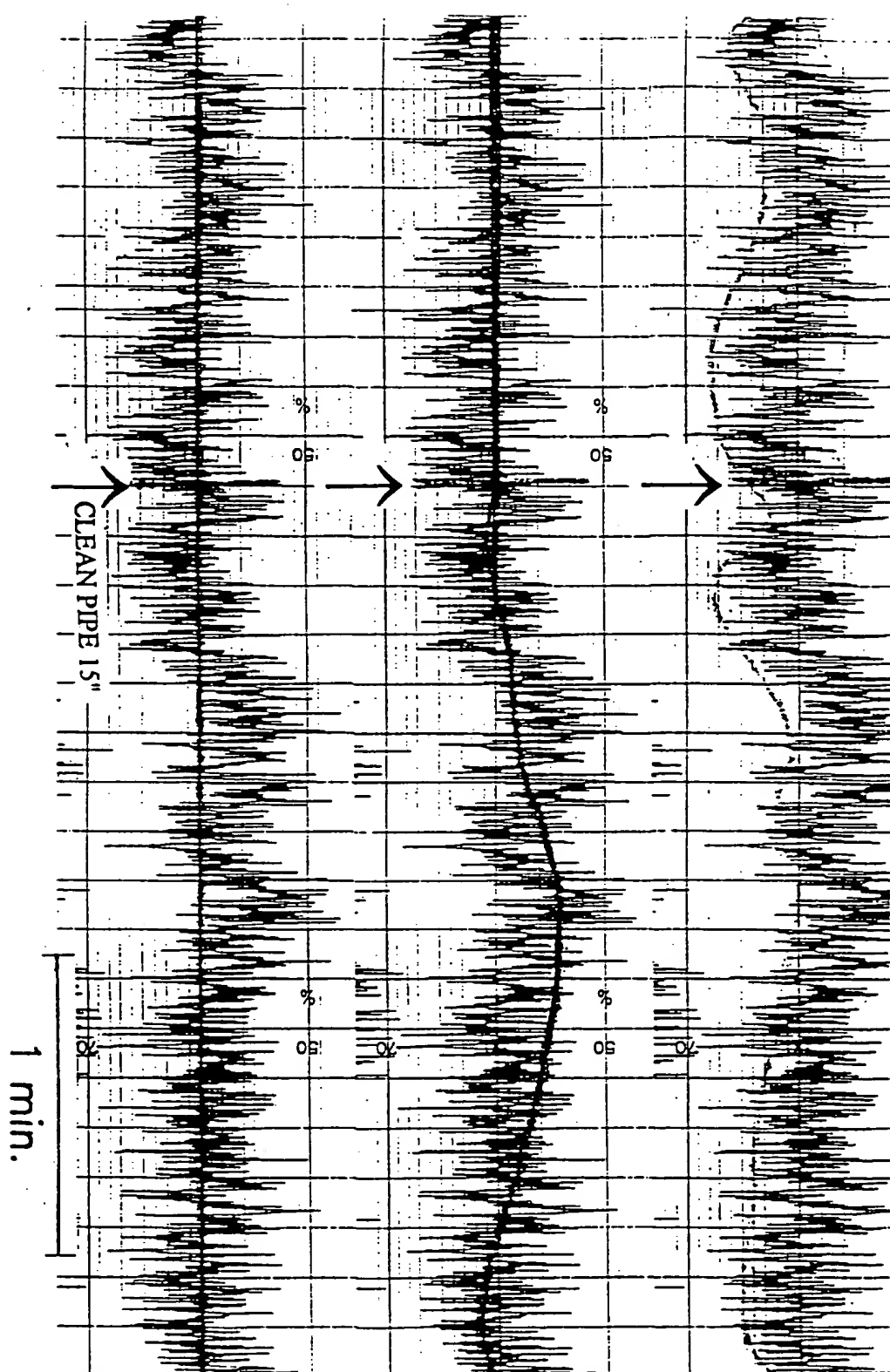
09493686, 012800



1 min.

10-7/24

09493686, 012800

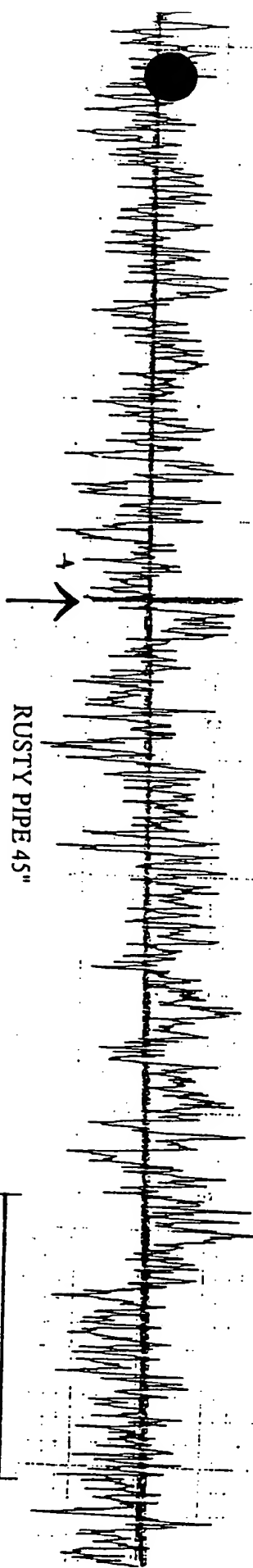


only 14

09493686 . 012800 -



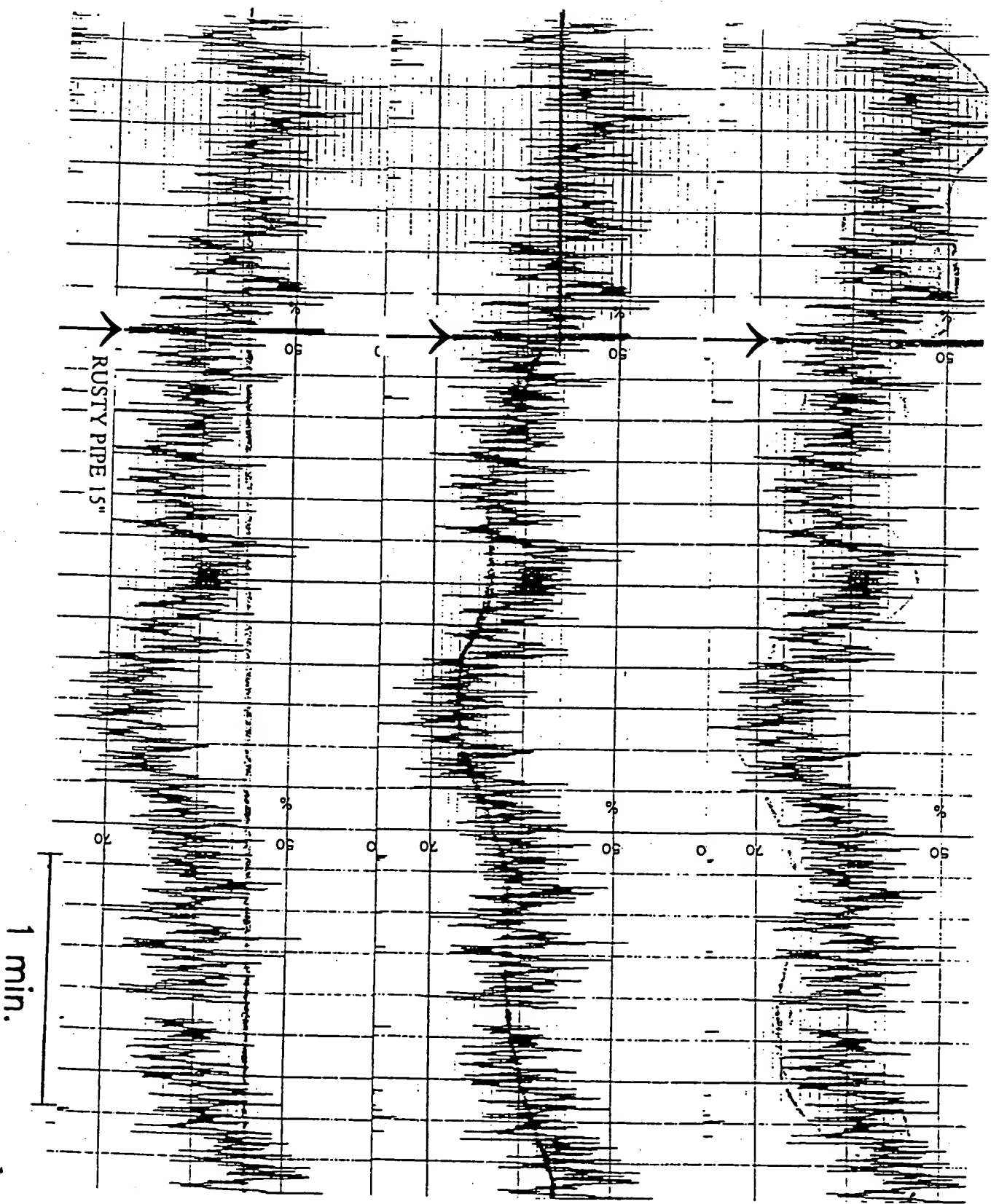
1224



RUSTY PIPE 45"

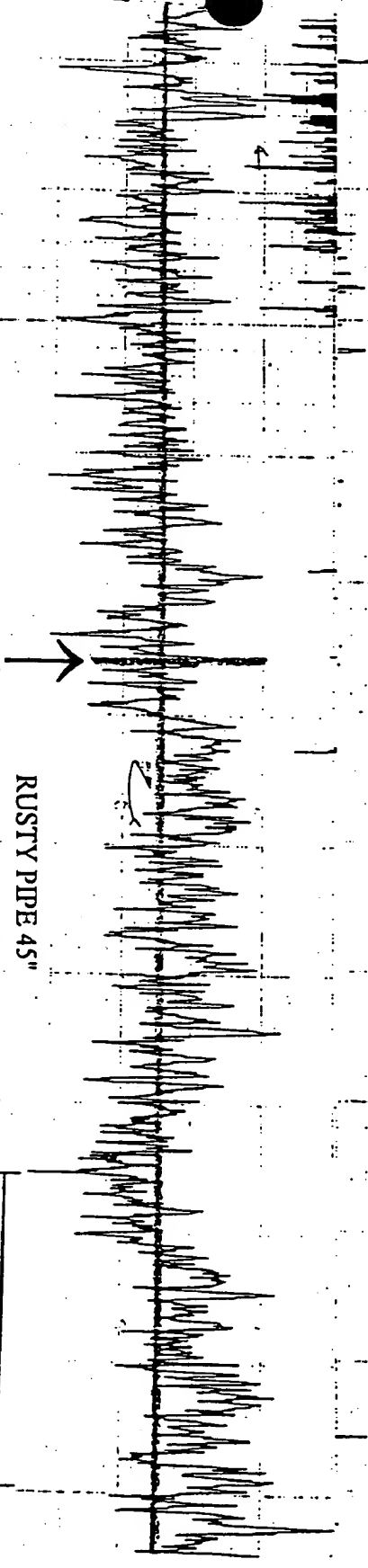
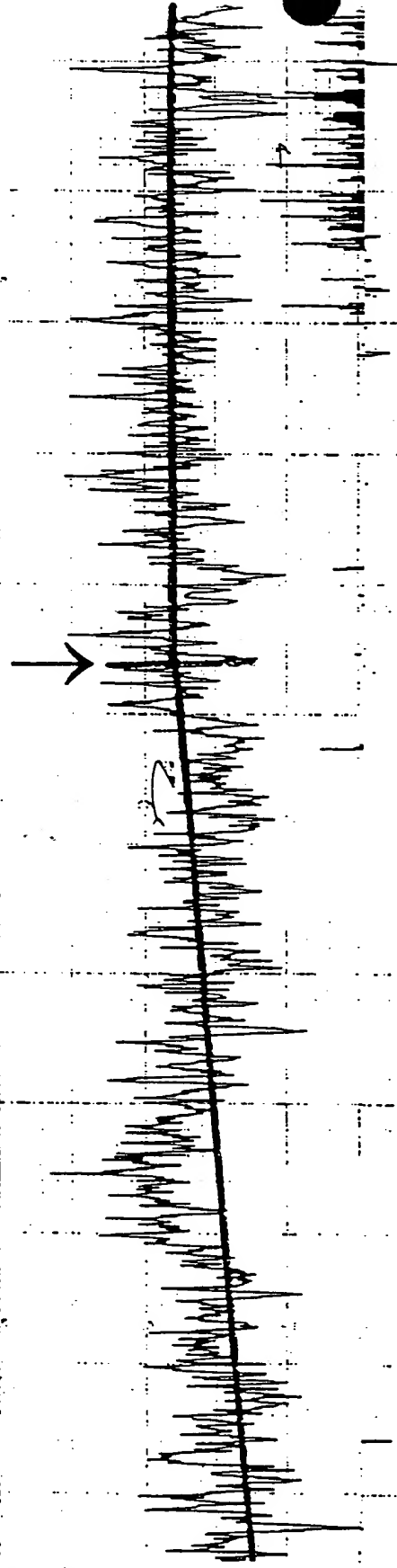
1 min.

09493686 . 012800



13 7+2

09493586 . 012800

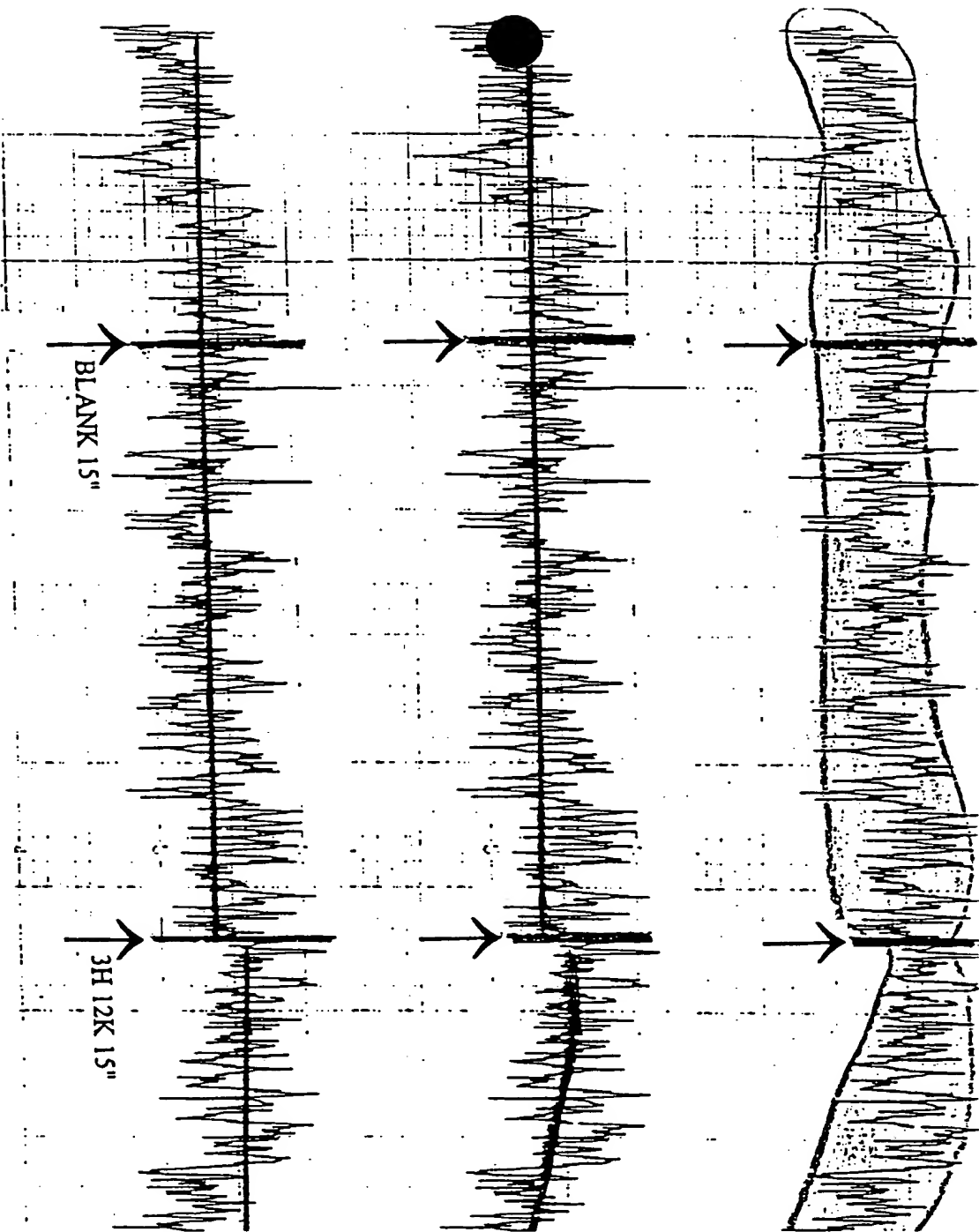


RUSTY PIPE 45"

1 min.

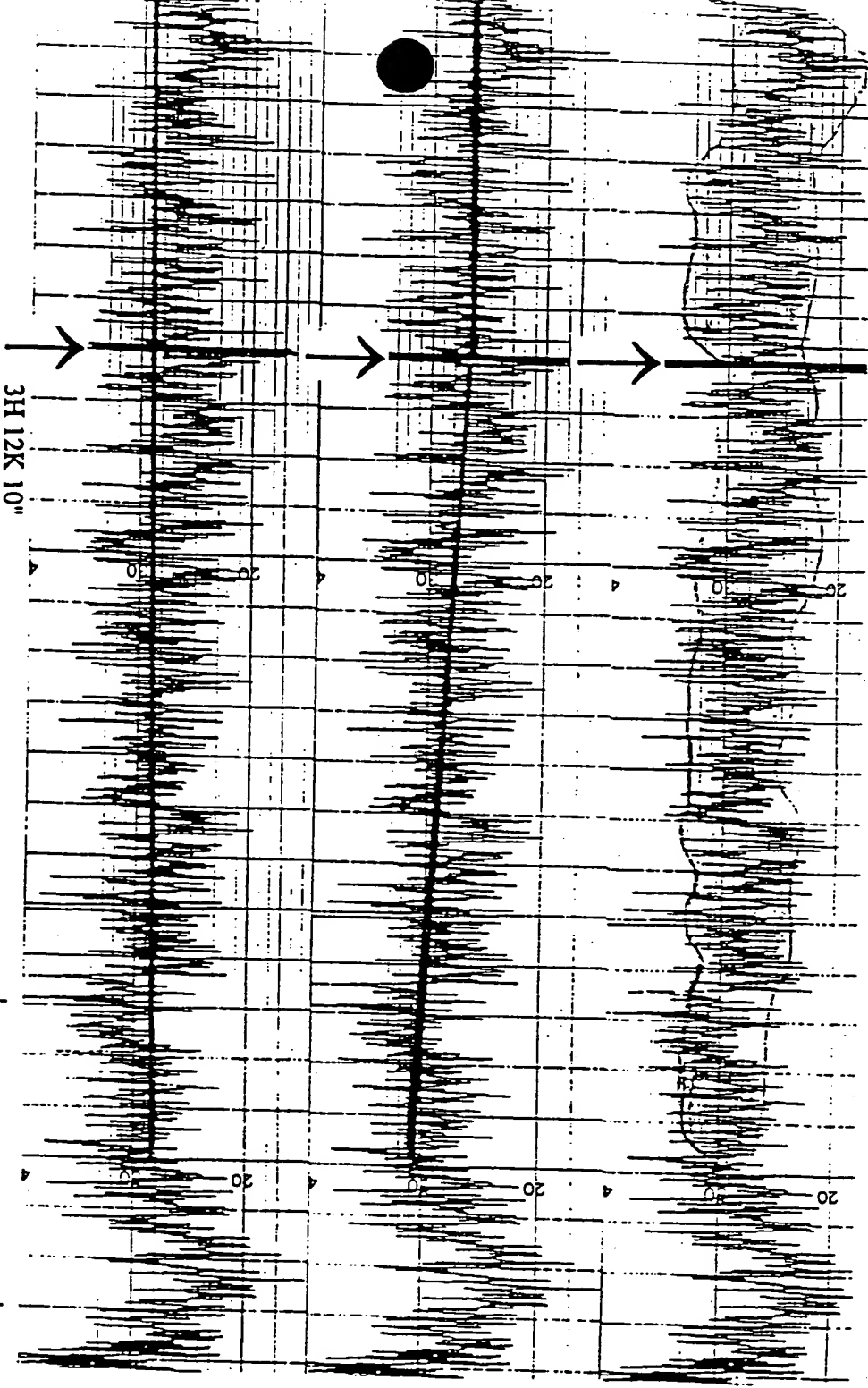
14 July

09493686.012800



3
14

09493686.012800

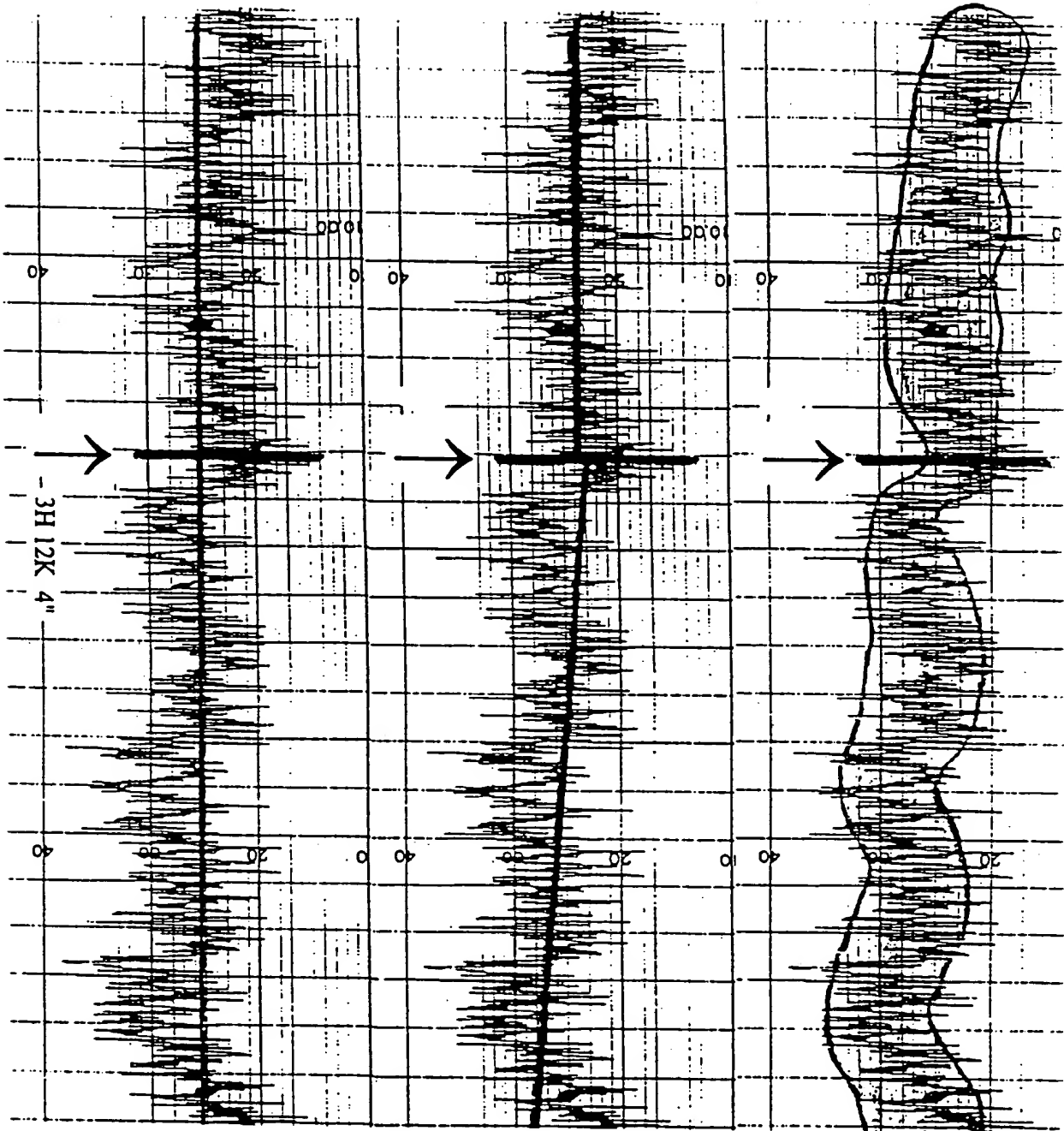


3H 12K 10"

1 min.

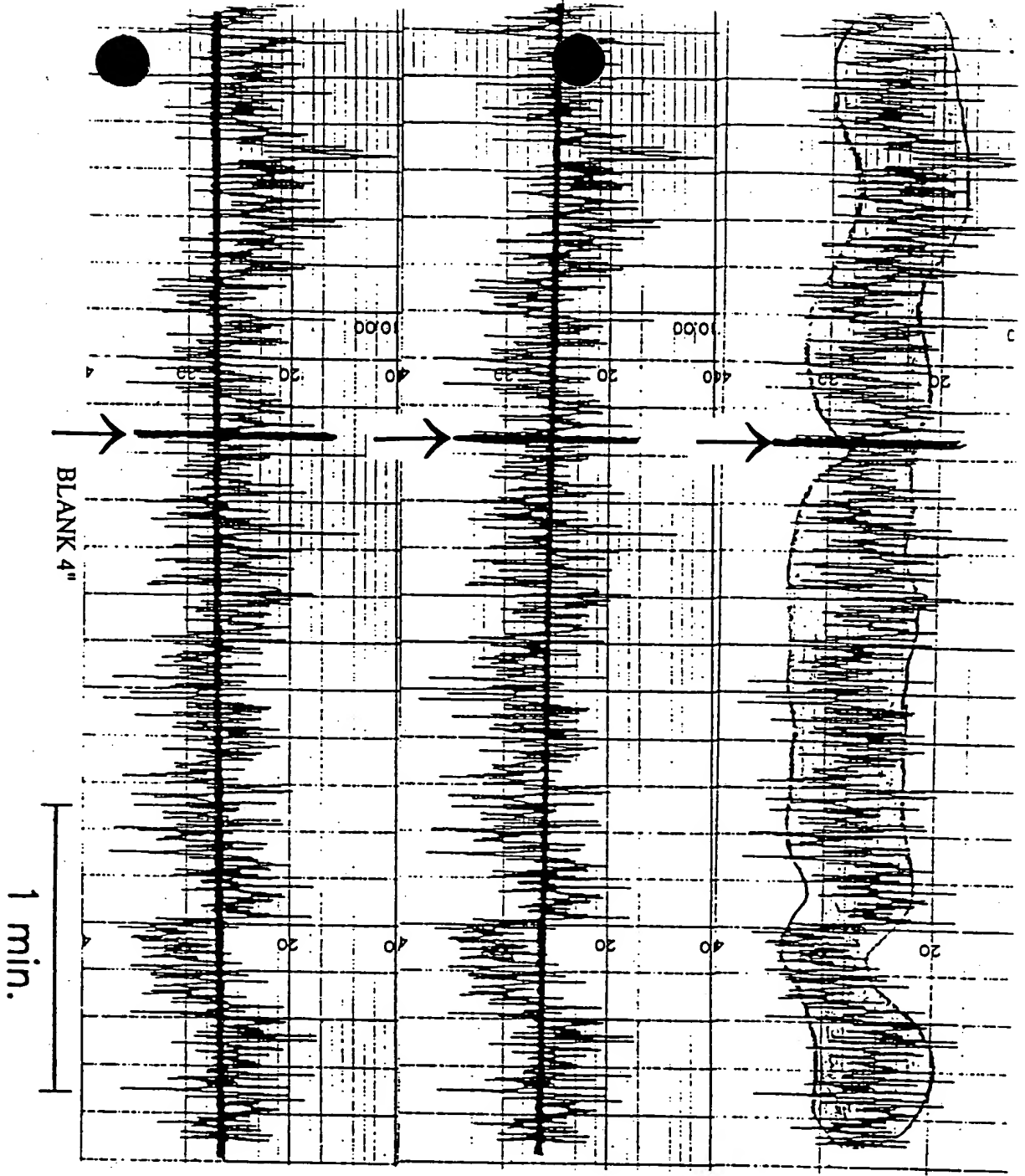
16 hrs

09493686 . 012800



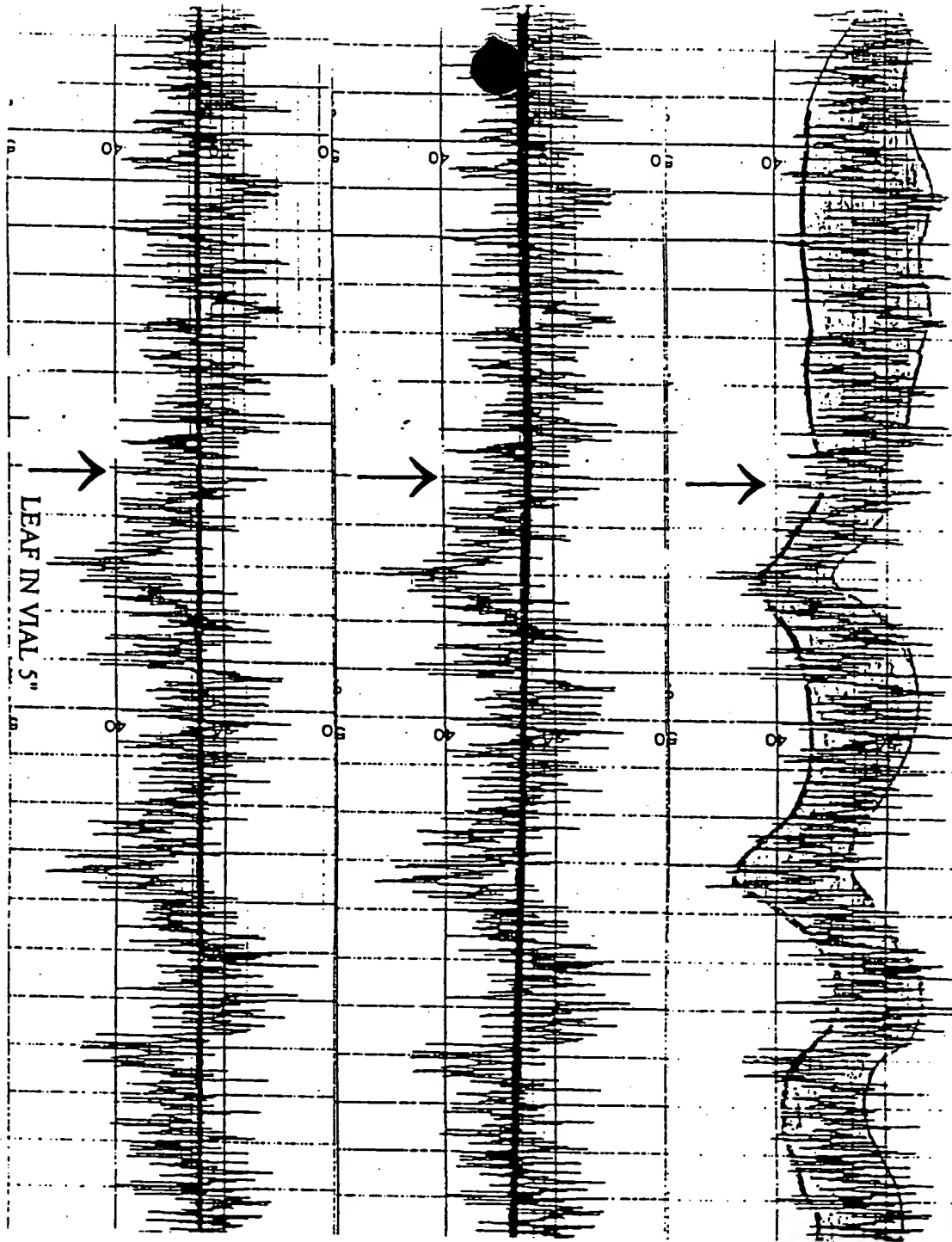
fn 46

09493686 . 012800



247
87

09493686.012800

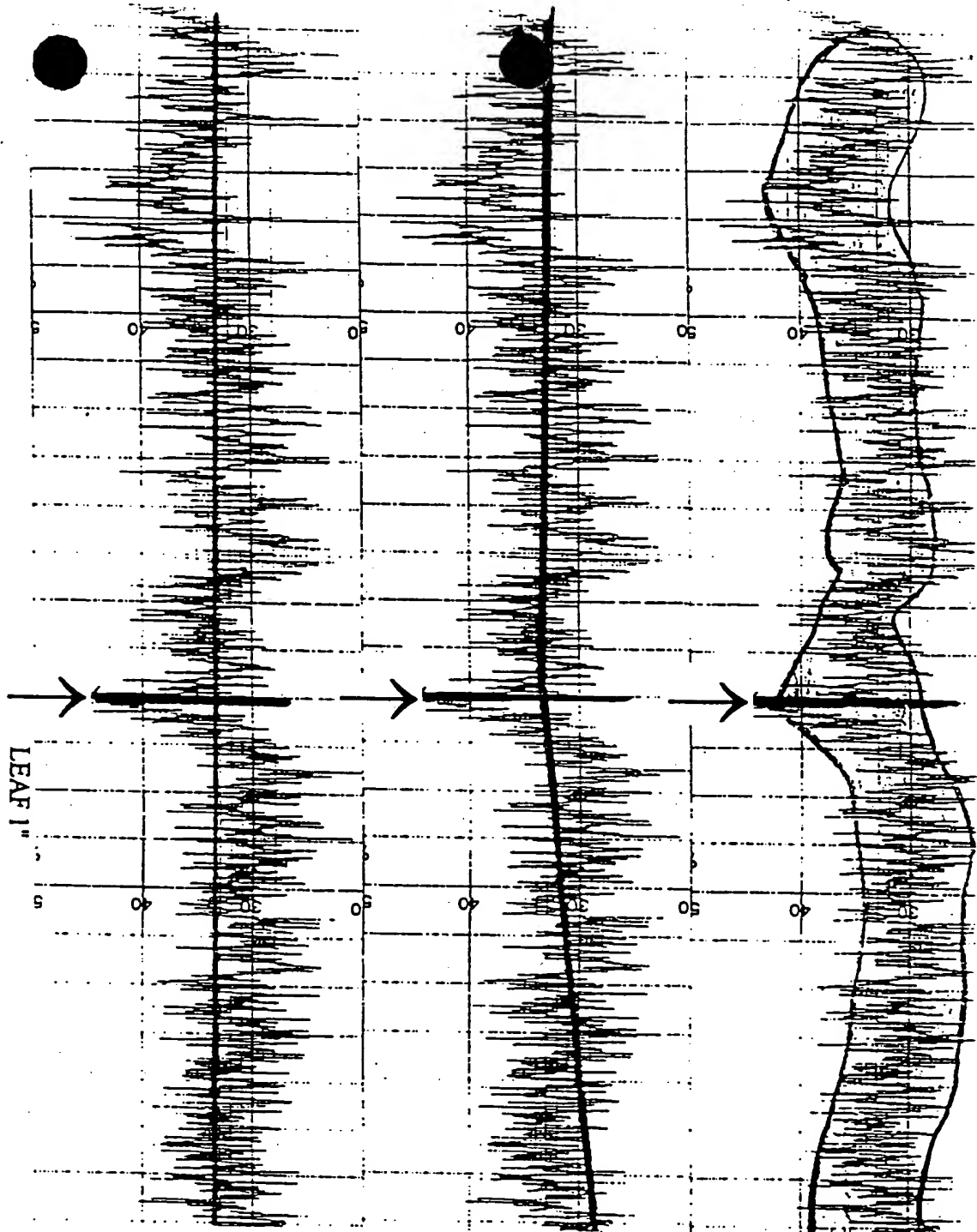


LEAF IN VIAL 5"

248

09493686 . 012800

00493686 012800



2.4m